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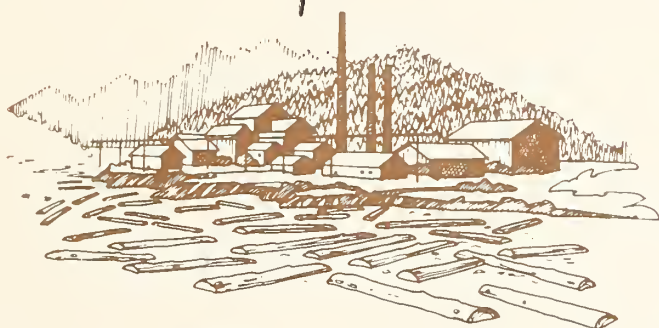
# U.S. Timber Production, Trade, Consumption, and Price Statistics 1960-88

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**December 1990**

# **U.S. Timber Production, Trade, Consumption, and Price Statistics 1960-88**

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Economics, Trade, and Market Research Branch  
Forest Inventory, Economics, and Recreation Research Staff  
Washington, DC**

## **Preface**

This is the eighth in a series of annual statistical reports that present current and historical information on the production, trade, consumption, and prices of timber products in the United States. Although national data are shown for the most part, some material is given for regions, States, and Canada. These statistics are intended for use by forest land managers, forest industries, trade associations, forestry schools, renewable resource organizations, libraries, organizations and individuals in the major timber producing and consuming countries of the world, and the general public. Data for the years 1950-59 are to be found in Miscellaneous Publication Number 1471 and earlier reports in this series. Preliminary data for 1987 and 1988 are indicated as such. *Italic numbers in parentheses refer to the annotated bibliography on page 76.*



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Figure 1

## Administrative Regions of the Forest Service

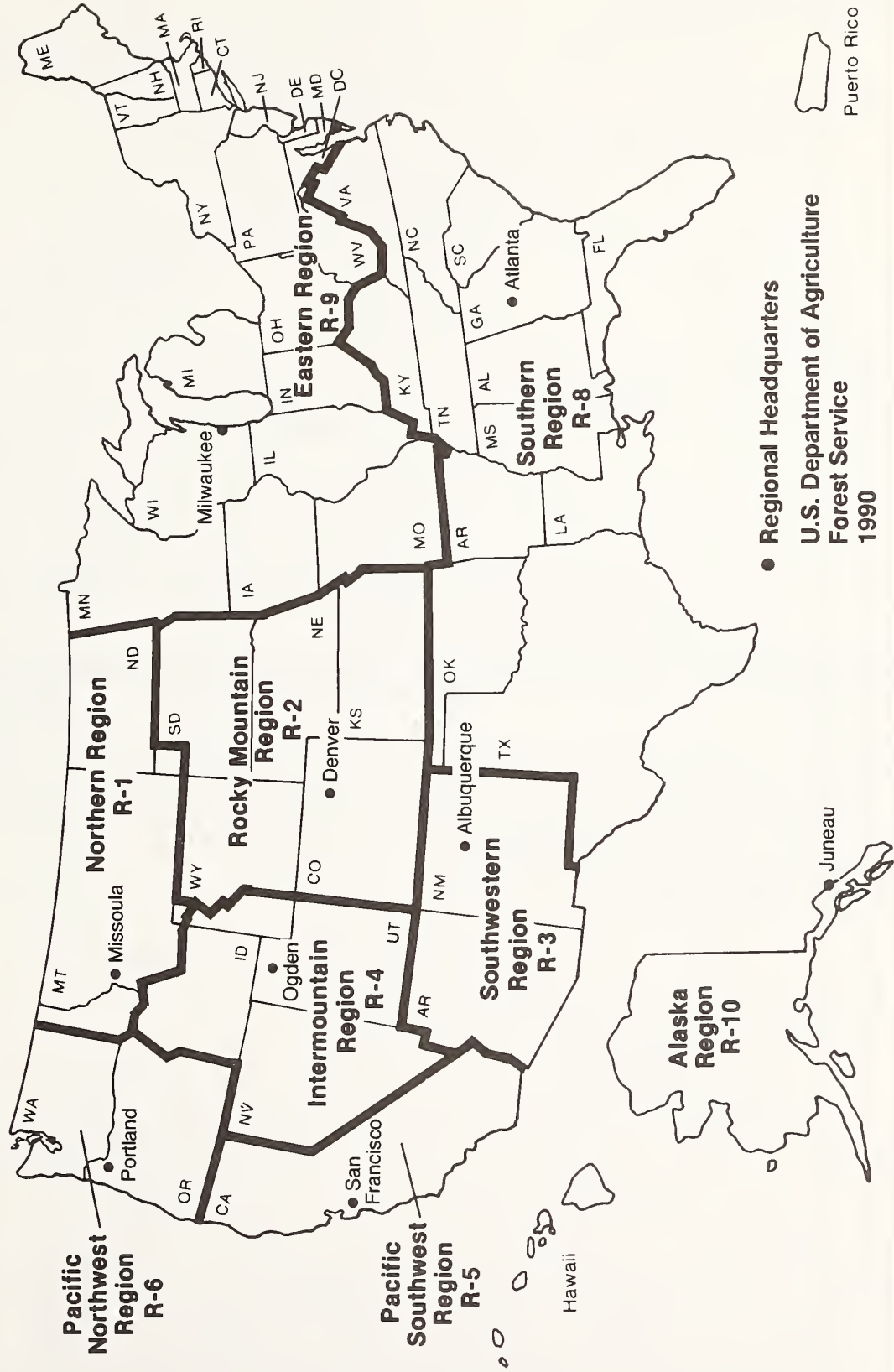


Figure 2

### Timber Product Consumption and Production (Billion cubic feet, roundwood equivalent)

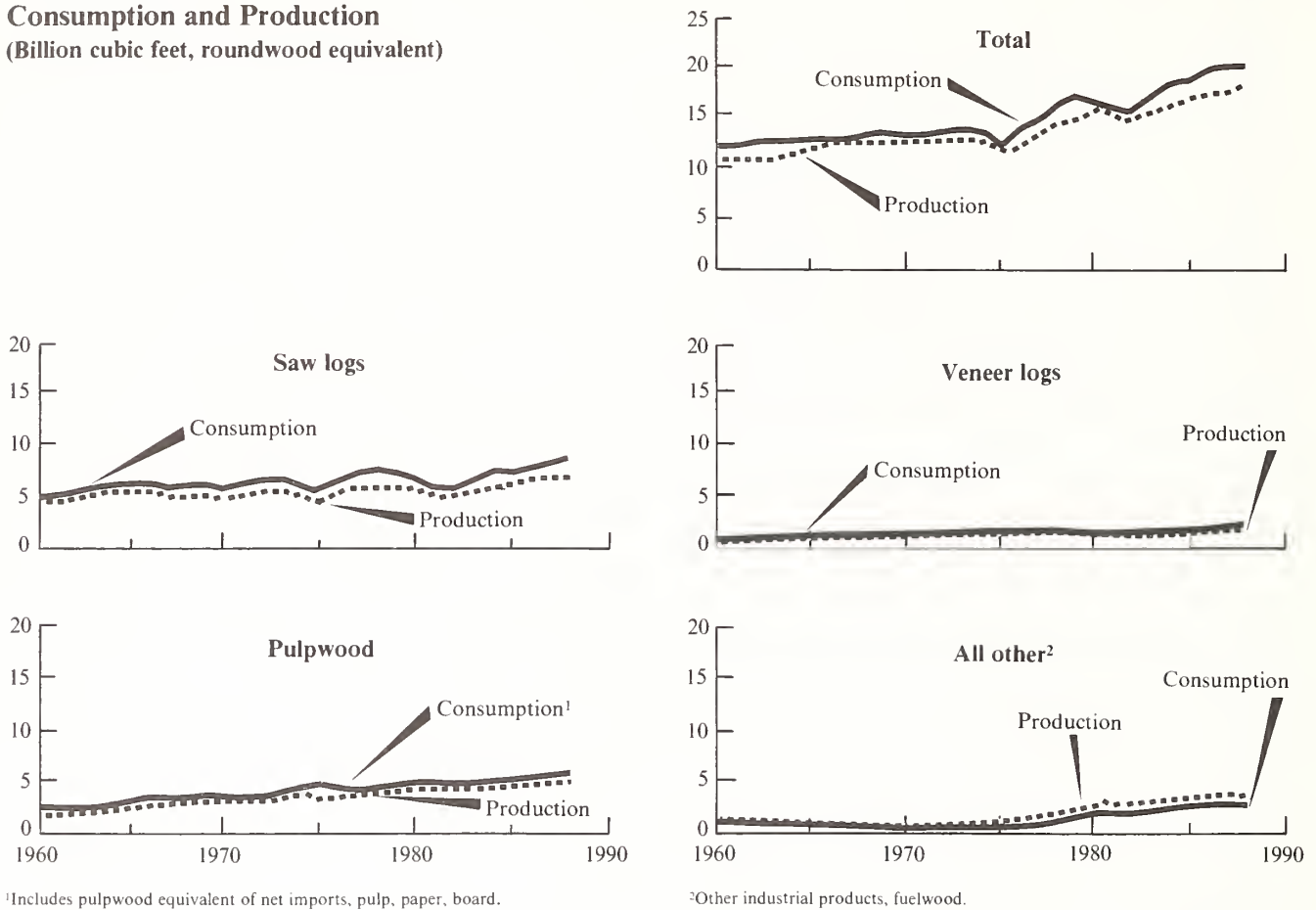


Figure 3

### Imports and Exports of Timber Products (Billion cubic feet, roundwood equivalent)

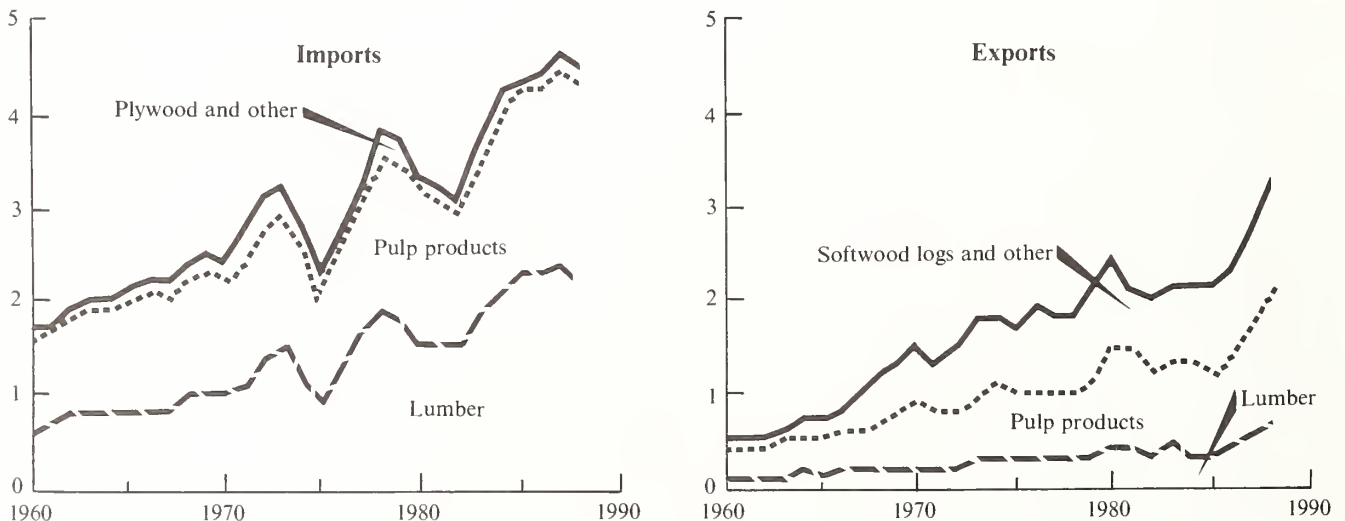
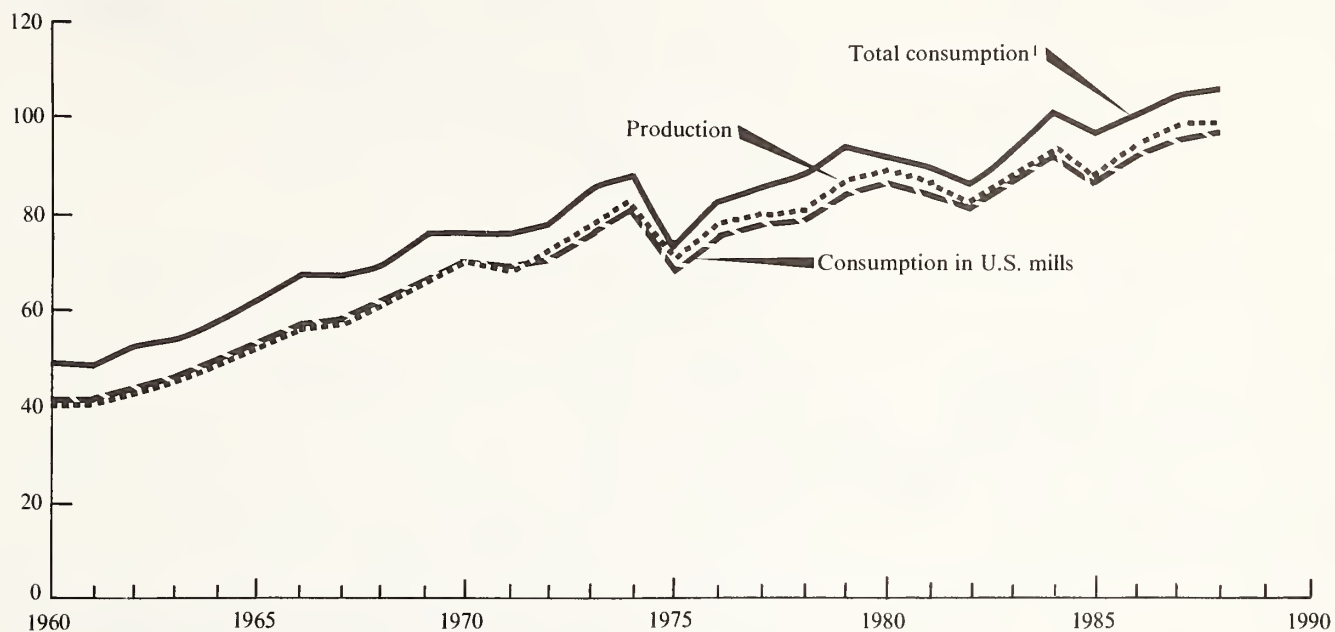


Figure 4

# **Pulpwood Consumption and Production** (Million cords)



<sup>1</sup>Includes pulpwood equivalent of net imports, pulp, paper, board.

Figure 5

# **Lumber Consumption and Production** (Billion board feet)

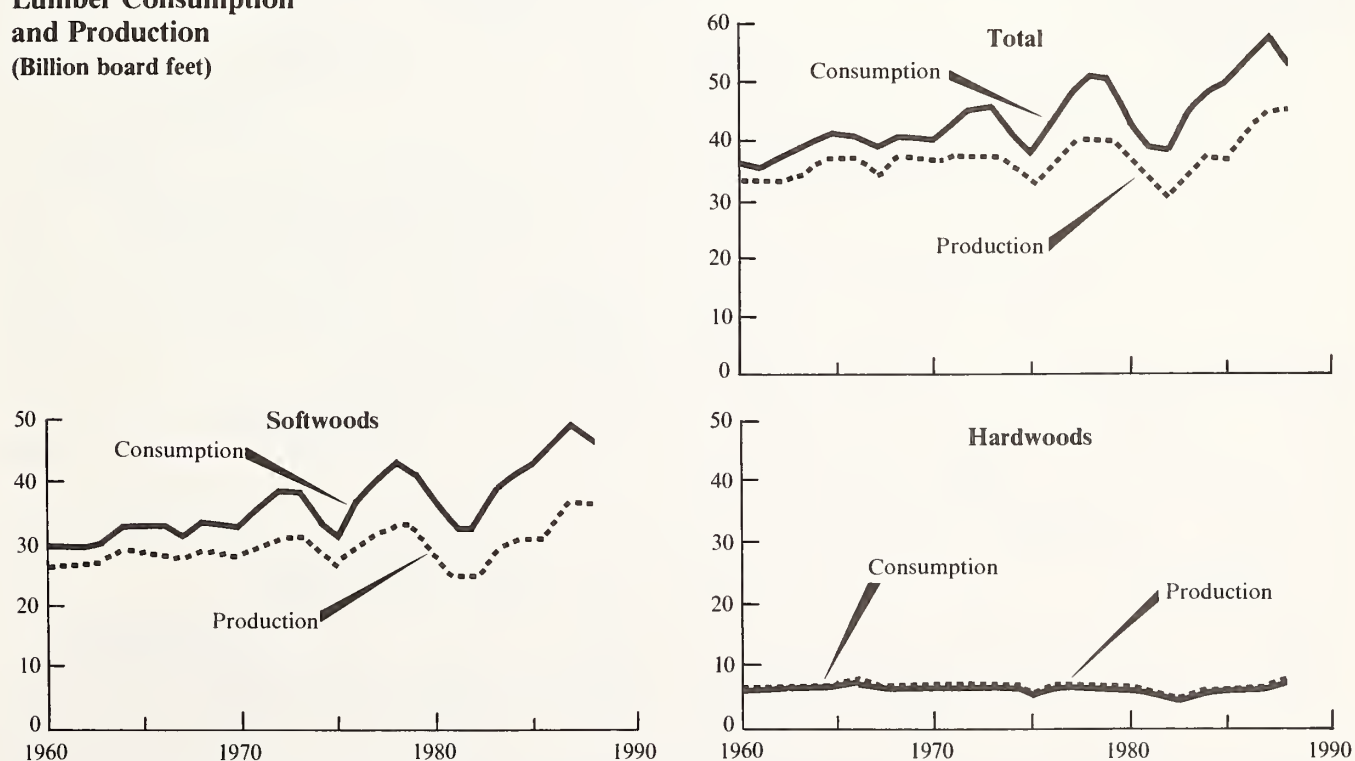


Figure 6

### Plywood Consumption and Production (Billion square feet, $\frac{3}{8}$ -inch basis)

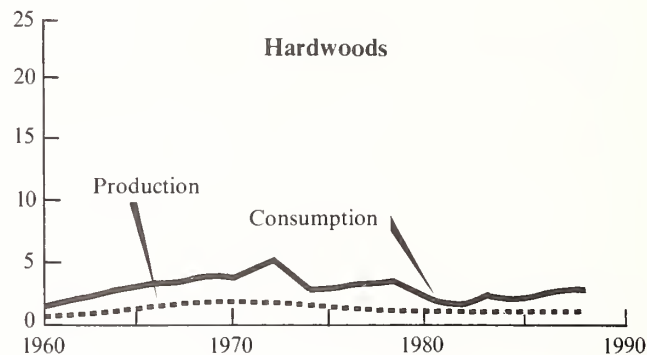
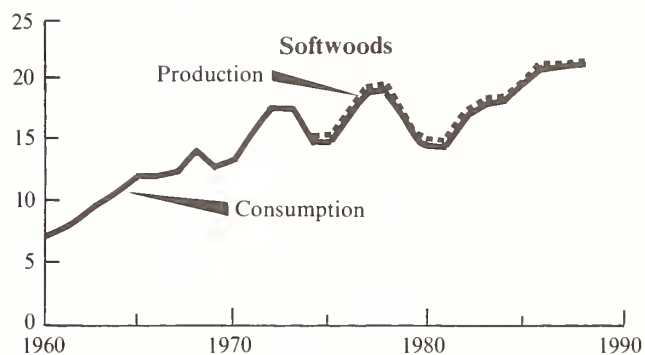
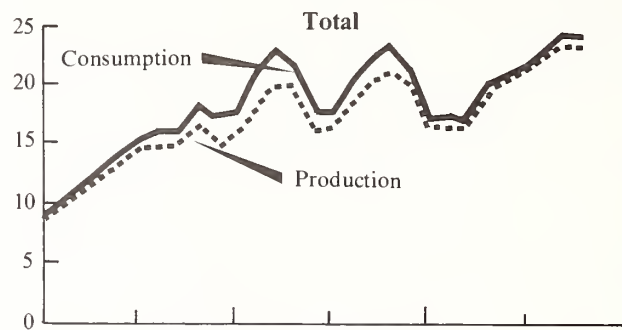
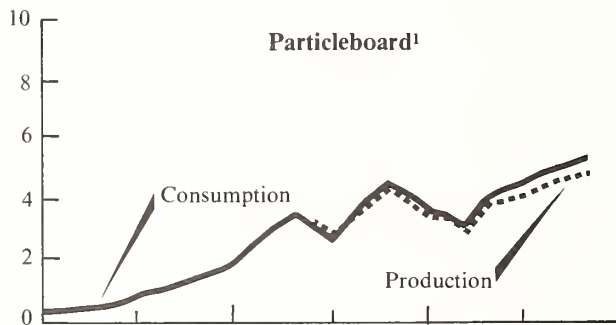


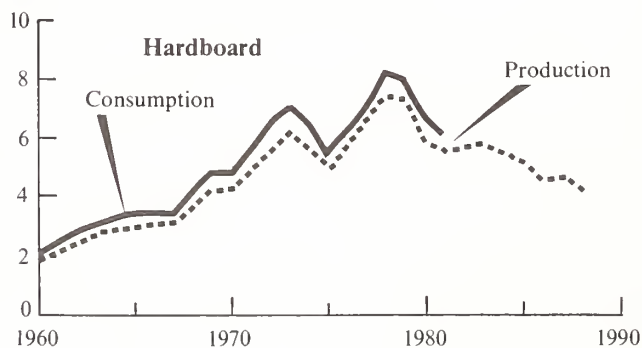
Figure 7

### Board Consumption and Production

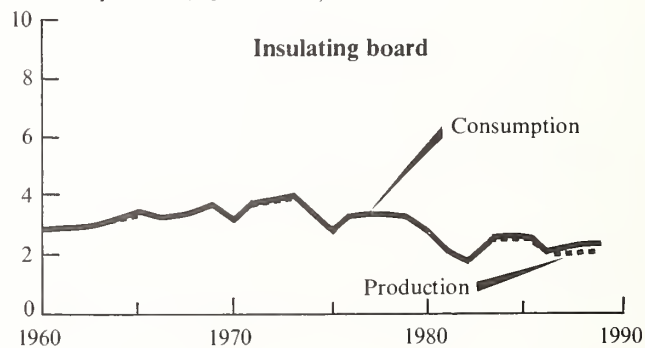
(Billion square feet,  $\frac{3}{4}$ -inch basis)



(Billion square feet,  $\frac{1}{8}$ -inch basis)



(Billion square feet,  $\frac{1}{2}$ -inch basis)

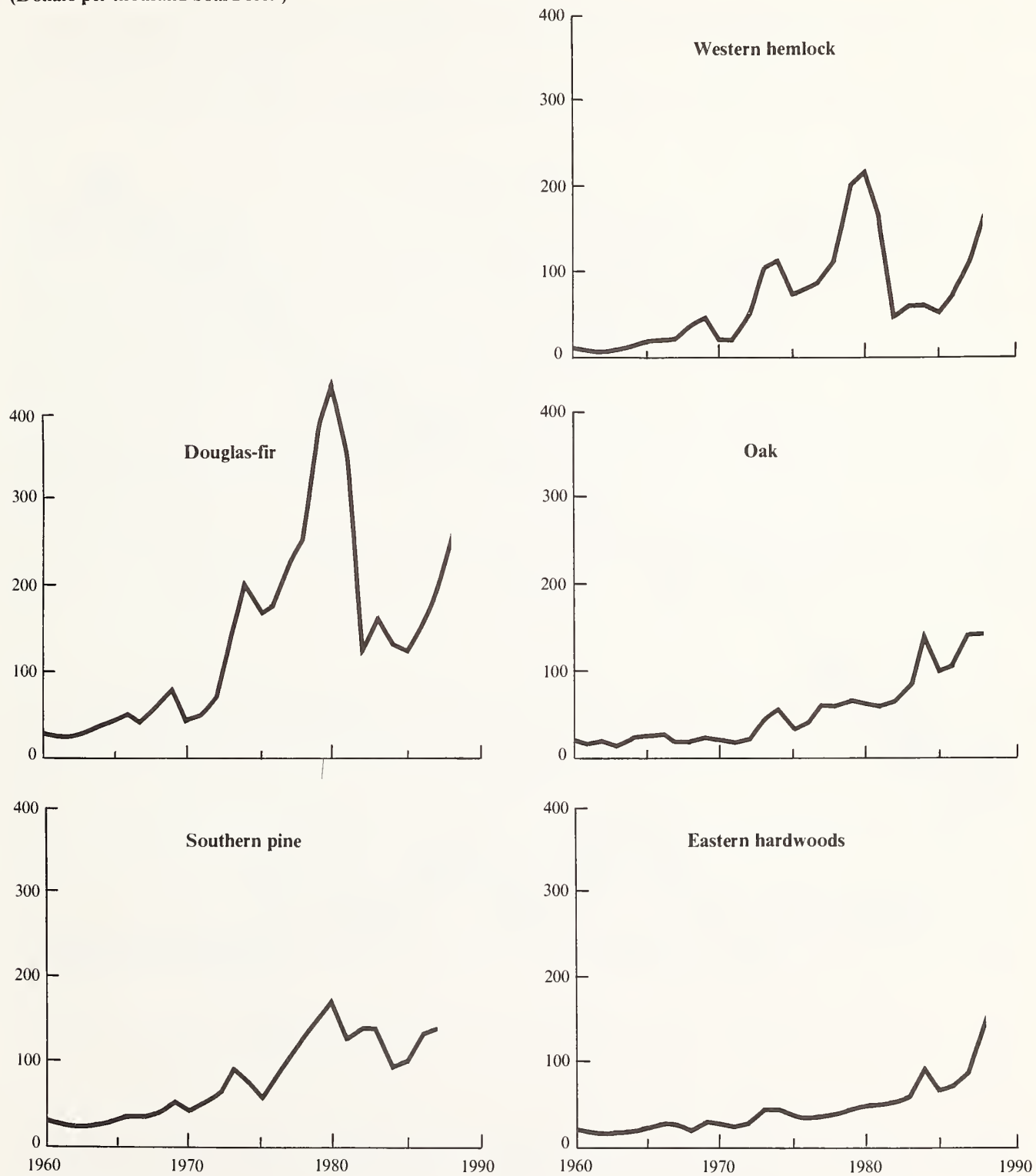


<sup>1</sup>Includes medium density fiberboard.

Figure 8

# National Forest Sawtimber Stumpage Prices

(Dollars per thousand board feet<sup>1</sup>)

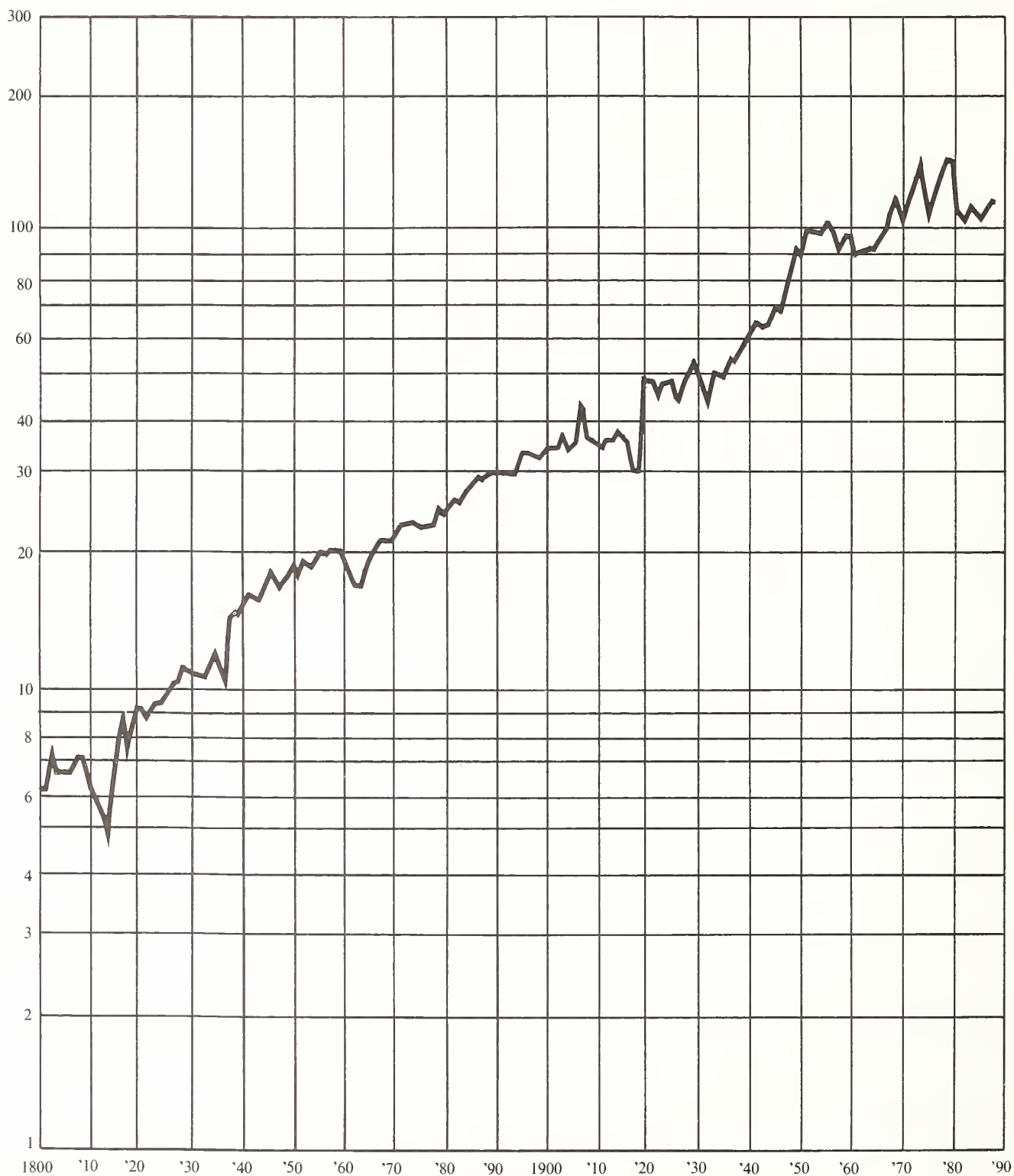


<sup>1</sup>Scribner Decimal C log rule.



Figure 9

**Relative<sup>1</sup> Producer Price Index for Lumber  
(1982 = 100)**

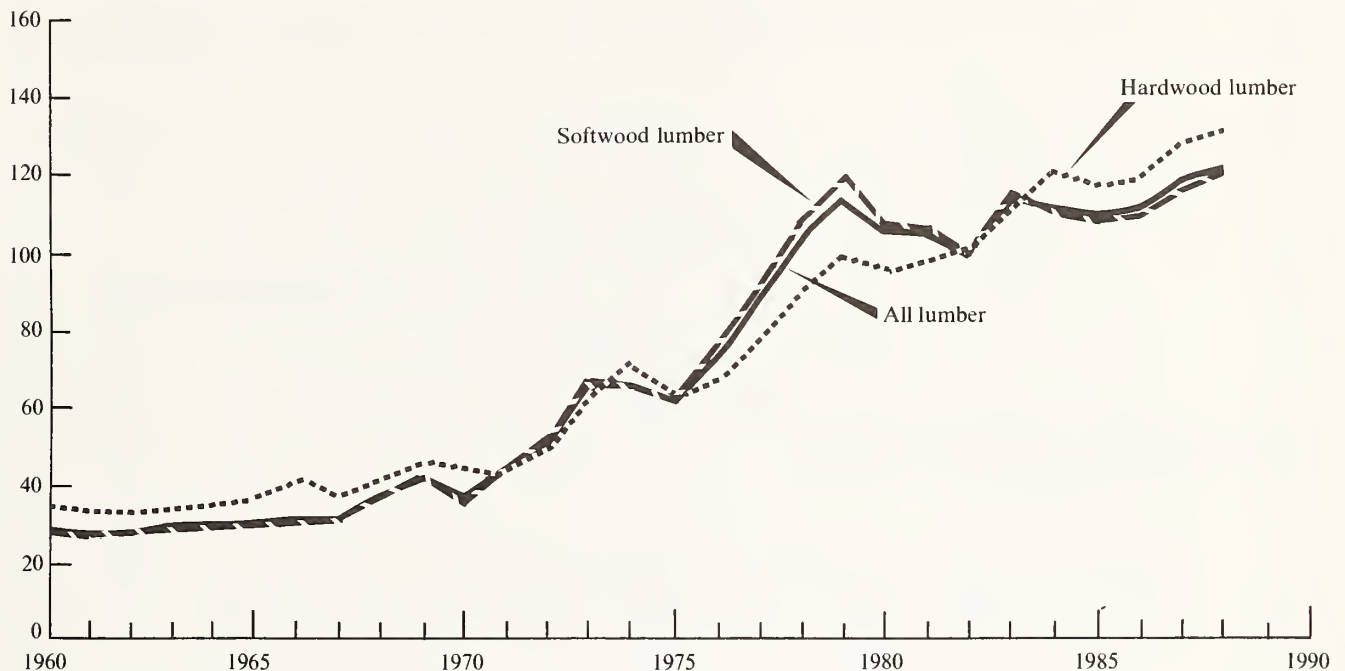


<sup>1</sup>Relative index derived by dividing the Actual Price Index by the All Commodities Price Index.

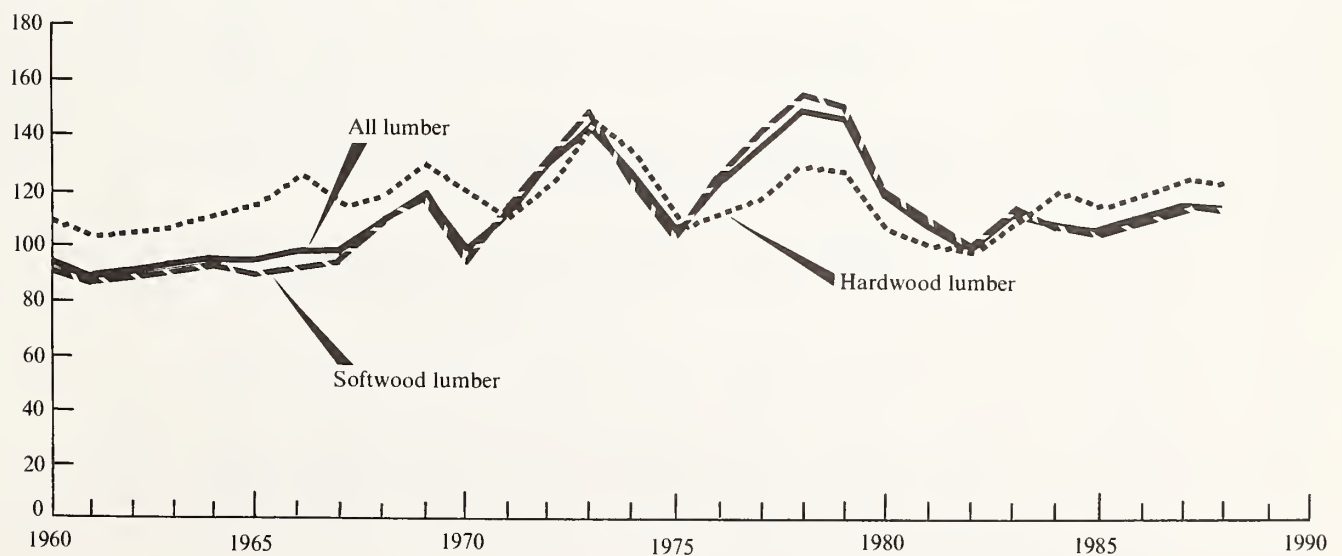
Figure 10

## Price Indexes for Lumber

(Producer price index, 1982 = 100)



(Relative producer price index<sup>1</sup>, 1982 = 100)

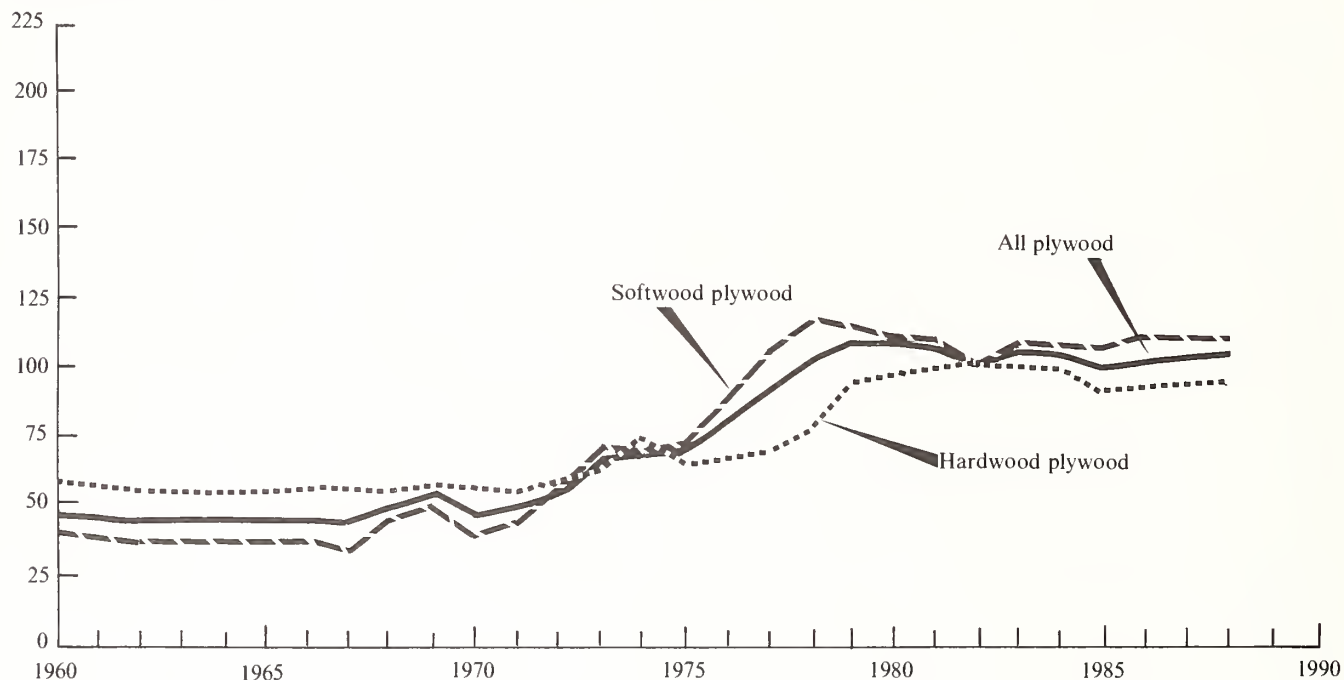


<sup>1</sup>Relative index derived by dividing the Actual Price Index by the All Commodities Price Index.

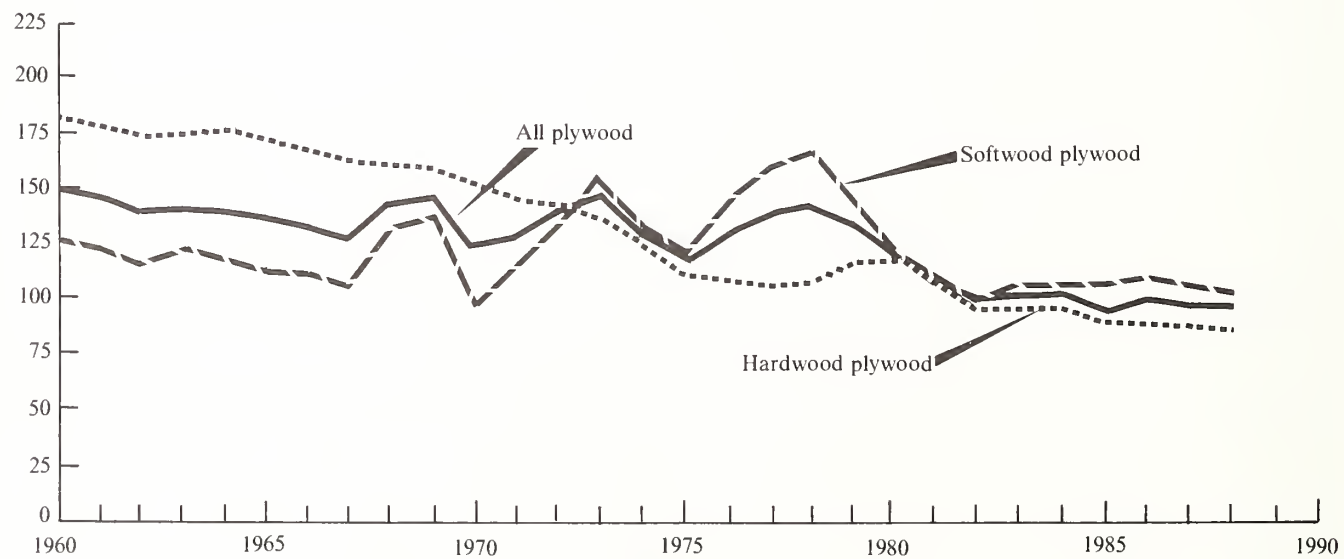
Figure 11

## Prices Indexes for Plywood

(Producer price index, 1982 = 100)



(Relative producer price index<sup>1</sup>, 1982 = 100)



<sup>1</sup>Relative index derived by dividing the Actual Price Index by the All Commodities Price Index.

Table 1.—Measures of economic growth, population, and prices, 1960-88

Year and quarter	Gross national product		Disposable personal income		Expenditures for new construction		Expenditures for new plant and equipment <sup>1</sup>	Number of housing starts <sup>2</sup>	Mobile homes <sup>3</sup>	Population <sup>4</sup>	Index of industrial production			Producer price index—all commodities	Consumer price index <sup>5</sup> —all items
	Billion current dollars	Billion 1982 dollars	Billion current dollars	Billion 1982 dollars	Billion current dollars	Billion 1982 dollars	Billion dollars	Thousand units	Thousand units	Millions	1977=100	1977=100	1977=100	1982=100	1982=84=100
1960 ...	515.3	1,665.3	358.9	1,091.1	54.7	224.3	49.0	1,252	104	180.7	48.0	52.4	49.3	31.7	29.8
1961 ...	533.8	1,708.7	373.8	1,123.2	56.4	231.2	48.1	1,313	90	183.7	48.1	51.6	52.0	31.6	30.1
1962 ...	574.6	1,799.4	396.2	1,170.2	60.2	245.0	51.6	1,463	118	186.5	52.4	56.7	55.2	31.7	30.4
1963 ...	606.9	1,873.3	415.8	1,207.3	64.8	261.2	53.6	1,603	151	189.2	55.5	58.9	58.4	31.6	30.8
1964 ...	649.8	1,973.3	451.4	1,291.0	72.6	263.9	62.0	1,529	191	191.9	59.3	63.1	62.0	31.6	31.2
1965 ...	705.1	2,087.6	486.8	1,365.7	78.5	276.0	70.8	1,473	217	194.3	65.7	68.6	66.6	32.3	31.7
1966 ...	772.0	2,208.3	525.9	1,431.3	81.8	276.0	82.6	1,165	217	196.6	71.7	73.8	71.9	33.3	32.6
1967 ...	816.4	2,271.4	562.1	1,493.2	83.5	273.0	83.8	1,292	240	198.7	73.1	74.0	72.0	33.4	33.6
1968 ...	892.7	2,365.6	609.6	1,551.3	93.2	288.5	88.9	1,508	318	200.7	77.2	76.7	75.9	34.2	35.0
1969 ...	963.9	2,423.3	656.7	1,599.8	100.5	291.3	100.0	1,467	413	202.7	80.6	80.2	81.9	35.6	36.9
1970 ...	1,015.5	2,416.2	715.6	1,668.1	101.3	277.6	106.2	1,434	401	205.1	77.0	75.0	81.0	36.9	39.0
1971 ...	1,102.7	2,484.8	776.8	1,728.4	117.9	302.8	109.2	2,052	497	207.7	78.2	78.2	84.5	38.1	40.7
1972 ...	1,212.8	2,608.5	839.6	1,797.4	133.9	323.5	120.9	2,357	576	209.9	86.4	94.3	91.9	39.8	42.1
1973 ...	1,359.3	2,744.1	949.8	1,916.3	147.4	327.3	139.3	2,045	567	211.9	94.0	100.5	98.4	44.7	45.0
1974 ...	1,472.8	2,729.3	1,038.4	1,896.6	147.8	285.2	159.8	1,338	329	213.9	92.6	93.5	97.6	53.5	49.6
1975 ...	1,598.4	2,695.0	1,142.8	1,931.7	144.4	255.9	162.6	1,160	213	216.0	83.4	80.0	84.8	58.4	54.1
1976 ...	1,782.8	2,826.7	1,252.6	2,001.0	163.1	277.1	179.9	1,538	246	218.0	91.9	89.4	96.4	61.1	57.2
1977 ...	1,990.5	2,958.6	1,379.3	2,066.6	188.2	296.1	208.2	1,987	277	220.2	100.0	100.0	100.0	64.9	60.9
1978 ...	2,249.7	3,115.2	1,551.2	2,167.4	226.2	316.2	245.3	2,020	276	222.6	107.1	109.1	106.8	69.9	65.6
1979 ...	2,508.2	3,192.4	1,729.3	2,212.6	253.0	312.7	284.9	1,745	277	225.1	111.5	111.7	110.8	78.7	73.1
1980 ...	2,732.0	3,187.1	1,918.0	2,214.3	252.8	281.9	314.5	1,292	222	227.8	108.2	108.9	110.6	89.8	82.9
1981 ...	3,052.6	3,248.8	2,127.6	2,248.6	261.3	269.2	349.3	1,084	241	230.1	110.5	109.9	112.4	98.0	91.4
1982 ...	3,166.0	3,166.0	2,261.4	2,261.5	248.0	248.0	347.5	1,062	240	232.5	102.2	104.5	109.4	100.0	96.9
1983 ...	3,405.7	3,279.1	2,428.1	2,331.9	282.4	275.1	343.4	1,703	296	234.8	110.2	118.2	119.8	101.3	99.8
1984 ...	3,772.2	3,501.4	2,668.6	2,469.8	329.6	309.1	399.0	1,750	295	237.0	123.4	134.3	127.2	103.7	103.3
1985 ...	4,014.9	3,618.7	2,838.7	2,542.8	356.6	324.9	431.9	1,742	284	239.3	126.4	138.0	127.6	103.2	106.9
1986 ...	4,231.6	3,717.9	3,013.3	2,635.3	387.0	345.9	427.2	1,805	244	241.6	129.1	143.8	136.5	100.2	108.6
1987 ...	4,524.3	3,853.7	3,205.9	2,676.6	397.7	347.6	440.7	1,621	233	243.9	134.7	152.8	144.4	102.8	112.5
1988 <sup>6</sup> ...	4,880.6	4,024.4	3,477.8	2,793.2	409.7	352.5	483.5	1,488	218	246.3	142.7	162.1	150.3	106.9	117.0

<sup>1</sup>Nonfarm business.

<sup>2</sup>Privately owned.

<sup>3</sup>Manufacturers' shipments.

<sup>4</sup>As of July 1.

<sup>5</sup>Index for urban wage earners and clerical workers.

<sup>6</sup>Preliminary.

Expenditures for new plant and equipment—U.S. Department of Commerce, Bureau of Economic Analysis. *Survey of current business* (57).  
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 Index of industrial production—U.S. Federal Reserve System, Board of Governors. *Industrial production* (65).  
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 Consumer price index—U.S. Department of Labor, Bureau of Labor Statistics. *The CPI detailed report* (60).

Sources: Gross national product and disposable personal income—Council of Economic Advisers. 1960-80, *Economic report of the President*, February 1989 (29); 1981-88, *Economic indicators*, October 1989 (28).  
 Expenditures for new construction—U.S. Department of Commerce, Bureau of the Census. *Value of new construction put in place*, Constr. Reps. Ser. C30 (54).

Table 2.—Number of households and housing market indicators, 1960-88

Year	Number of households	New home mortgage interest rates <sup>1</sup>	New housing units								Expenditures for residential upkeep and improvements	
			Total units	New housing starts								
				Total starts	One-family		Multifamily		Mobile homes <sup>2</sup>			
					Number starts	Floor area	Number starts	Floor area	Number shipments	Floor area		
	Millions	Average percent	Thousand units	Thousand units	Thousand units	Average square feet	Thousand units	Average square feet	Thousand units	Average square feet	Million current dollars	Million 1982 dollars
1960 .....	52.8	.....	1,400	1,296	1,009	1,269	287	932	104	580	.....	.....
1961 .....	53.6	.....	1,455	1,365	989	1,317	376	959	90	600	.....	.....
1962 .....	54.8	.....	1,611	1,493	996	1,346	496	972	118	610	11,024	.....
1963 .....	55.3	5.89	1,786	1,635	1,013	1,377	622	985	151	630	11,407	42,090
1964 .....	56.1	5.82	1,752	1,561	972	1,441	589	1,022	191	640	.....	.....
1965 .....	57.4	5.81	1,727	1,510	965	1,498	545	1,053	217	650	11,442	40,570
1966 .....	58.4	6.25	1,413	1,196	780	1,544	416	1,076	217	660	11,691	39,770
1967 .....	59.2	6.46	1,562	1,322	845	1,585	477	1,094	240	670	11,687	38,320
1968 .....	60.8	6.97	1,863	1,545	900	1,642	645	1,123	318	670	12,703	39,570
1969 .....	62.2	7.80	1,913	1,500	811	1,616	689	1,095	413	684	13,535	39,690
1970 .....	63.4	8.45	1,870	1,469	815	1,482	654	995	401	732	14,770	42,080
1971 .....	64.8	7.74	2,582	2,085	1,153	1,520	931	1,011	497	780	16,299	44,050
1972 .....	66.7	7.60	2,955	2,379	1,311	1,555	1,068	1,035	576	780	17,498	44,080
1973 .....	68.3	7.96	2,625	2,058	1,133	1,660	924	1,031	567	882	18,512	42,750
1974 .....	69.9	8.92	1,682	1,353	889	1,695	464	1,021	329	910	21,114	44,170
1975 .....	71.1	9.00	1,384	1,171	896	1,645	275	1,000	213	952	25,239	48,260
1976 .....	72.9	9.00	1,794	1,548	1,166	1,700	382	940	246	966	29,034	52,410
1977 .....	74.1	9.02	2,279	2,002	1,451	1,720	551	938	277	1,000	31,280	50,860
1978 .....	76.0	9.56	2,312	2,036	1,433	1,755	603	902	276	1,010	37,461	53,210
1979 .....	77.3	10.78	2,037	1,760	1,194	1,760	566	938	277	1,050	42,231	52,720
1980 .....	80.8	12.66	1,535	1,313	852	1,740	461	979	222	1,050	46,338	52,120
1981 .....	82.4	14.70	1,341	1,100	705	1,720	395	980	241	1,015	46,351	47,740
1982 .....	83.5	15.14	1,312	1,072	663	1,710	409	990	240	1,000	45,291	45,291
1983 .....	83.9	12.57	2,009	1,713	1,068	1,725	645	942	296	1,035	49,295	48,050
1984 .....	85.4	12.38	2,051	1,756	1,084	1,780	672	914	295	1,060	69,784	65,650
1985 .....	86.8	11.55	2,029	1,745	1,072	1,785	670	922	284	1,080	80,267	74,050
1986 .....	88.5	10.17	2,049	<sup>3</sup> 1,805	1,179	1,825	626	911	244	1,110	91,274	82,010
1987 .....	89.5	9.31	1,854	<sup>3</sup> 1,621	1,146	1,905	474	980	233	1,140	94,082	82,750
1988 <sup>4</sup> .....	91.1	9.19	1,706	<sup>3</sup> 1,488	1,081	1,995	407	990	218	1,175	101,117	89,170

<sup>1</sup>Effective rate (in the primary market) on conventional mortgages, reflecting fees and charges as well as contract rate and assumed, on the average, repayment at the end of 10 years. Rates beginning 1973 not strictly comparable with prior years.

<sup>2</sup>Manufacturers' shipments.

<sup>3</sup>Data for privately owned housing starts.

<sup>4</sup>Preliminary.

Sources: Number of households—U.S. Department of Commerce Bureau of the Census. *Population characteristics*, Curr. Pop. Reps. Ser. P-20 (47).  
Mortgage interest rates—Council of Economic Advisers. *Economic report of the President*. (29).

Number of new housing starts and mobile home shipments—U.S. Department of Commerce, Bureau of the Census. *Housing starts*, Constr. Reps. Ser. C20 (43).

Floor area of new housing starts and mobile homes—U.S. Department of Agriculture, Forest Service estimates based on data from the Manufactured Housing Institute; the U.S.

Department of Commerce, Bureau of the Census and the U.S. Department of Housing and Urban Development. *Characteristics of new housing*, Constr. Reps. Ser. C25 (55).

Expenditures for residential upkeep and improvements—U.S. Department of Commerce, Bureau of the Census. *Residential alterations and repairs*, Constr. Reps. Ser. C50 (50).



Table 3.—Average hourly earnings<sup>1</sup> in timber-based industries and all manufacturing in the United States and selected States, 1972-88

United States														
Year	Lumber and wood products except furniture		Logging camps and logging contractors		Sawmills and planing mills		Millwork, plywood, and structural members		Paper and allied products		Furniture and fixtures		Manufacturing	
	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100
1972 .....	3.33	44.8	4.25	43.4	3.29	42.6	3.37	46.0	3.95	42.4	3.08	48.8	3.82	45.0
1973 .....	3.61	48.6	4.56	46.6	3.62	46.8	3.62	49.4	4.20	45.1	3.29	52.1	4.09	48.2
1974 .....	3.89	52.4	4.91	50.2	3.88	50.2	3.91	53.3	4.53	48.6	3.53	55.9	4.42	52.1
1975 .....	4.26	57.3	5.28	53.9	4.34	56.1	4.26	58.1	5.01	53.8	3.78	59.9	4.83	56.9
1976 .....	4.72	63.5	6.03	61.6	4.86	62.9	4.67	63.7	5.47	58.7	3.99	63.2	5.22	61.5
1977 .....	5.10	68.6	6.58	67.2	5.28	68.3	5.04	68.8	5.96	63.9	4.34	68.8	5.68	66.9
1978 .....	5.60	75.4	7.25	74.1	5.83	75.4	5.55	75.7	6.52	70.0	4.68	74.2	6.17	72.7
1979 .....	6.07	81.7	7.97	81.4	6.32	81.8	5.95	81.2	7.13	76.5	5.06	80.2	6.70	78.9
1980 .....	6.55	88.2	8.64	88.3	6.70	86.7	6.41	87.4	7.84	84.1	5.49	87.0	7.27	85.6
1981 .....	6.99	94.1	9.11	93.1	7.19	93.0	6.89	94.0	8.60	92.3	5.91	93.7	7.99	94.1
1982 .....	7.43	100.0	9.79	100.0	7.73	100.0	7.33	100.0	9.32	100.0	6.31	100.0	8.49	100.0
1983 .....	7.80	105.0	10.17	103.9	8.20	106.1	7.64	104.2	9.93	106.5	6.62	104.9	8.83	104.0
1984 .....	8.03	108.1	10.70	109.3	8.42	108.9	7.81	106.5	10.41	111.7	6.84	108.4	9.19	108.2
1985 .....	8.22	110.6	10.92	111.5	8.52	110.2	8.06	110.0	10.83	116.2	7.17	113.6	9.54	112.4
1986 .....	8.34	112.2	10.82	110.5	8.58	111.0	8.20	111.9	11.18	120.0	7.46	118.2	9.73	114.6
1987 .....	8.40	113.1	10.68	109.2	8.57	110.9	8.33	113.6	11.43	122.6	7.67	121.6	9.91	116.7
1988 .....	8.61	115.9	10.84	110.7	8.76	113.3	8.60	117.3	11.65	125.0	7.94	125.8	10.18	119.9
Washington														
1972 .....	4.56	40.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.54	40.4
1973 .....	4.94	44.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.83	43.0
1974 .....	5.37	48.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.24	46.7
1975 .....	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.82	51.8
1976 .....	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.36	56.6
1977 .....	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.83	60.8
1978 .....	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.56	67.3
1979 .....	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.39	74.7
1980 .....	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.41	83.8
1981 .....	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.44	93.0
1982 .....	11.17	100.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.23	100.0
1983 .....	11.33	101.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.42	101.7
1984 .....	11.37	101.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.57	103.0
1985 .....	11.55	103.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.63	103.6
1986 .....	11.09	99.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.65	103.7
1987 .....	11.00	98.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.73	104.5
1988 .....	10.96	98.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.90	106.0
Minnesota <sup>3</sup>														
1972 .....	3.81	40.3	.....	.....	.....	.....	.....	.....	4.19	41.6	.....	.....	4.00	43.9
1973 .....	4.02	42.5	.....	.....	.....	.....	.....	.....	4.45	44.2	.....	.....	4.22	46.3
1974 .....	4.66	49.3	.....	.....	.....	.....	.....	.....	5.09	50.5	.....	.....	4.67	51.3
1975 .....	4.97	52.6	.....	.....	.....	.....	.....	.....	5.59	55.5	.....	.....	5.10	56.0
1976 .....	5.44	57.6	.....	.....	.....	.....	.....	.....	6.28	62.4	.....	.....	5.53	60.7
1977 .....	5.89	62.3	.....	.....	.....	.....	.....	.....	6.78	67.3	.....	.....	5.97	65.5
1978 .....	6.40	67.7	.....	.....	.....	.....	.....	.....	7.31	72.6	.....	.....	6.44	70.7
1979 .....	6.86	72.6	.....	.....	.....	.....	.....	.....	7.81	77.6	.....	.....	6.93	76.1
1980 .....	7.45	78.8	.....	.....	.....	.....	.....	.....	8.40	83.4	.....	.....	7.61	83.5
1981 .....	8.55	90.5	.....	.....	.....	.....	.....	.....	9.18	91.2	.....	.....	8.40	92.2
1982 .....	9.45	100.0	.....	.....	.....	.....	.....	.....	10.07	100.0	.....	.....	9.11	100.0
1983 .....	10.13	107.2	.....	.....	.....	.....	.....	.....	10.74	106.7	.....	.....	9.56	104.9
1984 .....	10.01	105.9	.....	.....	.....	.....	.....	.....	11.30	112.2	.....	.....	9.75	107.0
1985 .....	10.93	115.7	.....	.....	.....	.....	.....	.....	11.76	116.8	.....	.....	10.05	110.3
1986 .....	10.92	115.6	.....	.....	.....	.....	.....	.....	11.76	116.8	.....	.....	10.20	112.0
1987 .....	11.59	122.6	.....	.....	.....	.....	.....	.....	11.69	116.1	.....	.....	10.37	113.8
1988 .....	11.80	124.9	.....	.....	.....	.....	.....	.....	12.58	124.9	.....	.....	10.59	116.2

See footnotes at end of table.

Table 3.—Average hourly earnings<sup>1</sup> in timber-based industries and all manufacturing in the United States and selected States, 1972-88—Continued

New York														
Year	Lumber and wood products except furniture		Logging camps and logging contractors		Sawmills and planing mills		Millwork, plywood, and structural members		Paper and allied products		Furniture and fixtures		Manufacturing	
	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100	Dol- lars	Index 1982=100
1972 .....	3.21	50.7	.....	.....	.....	.....	.....	.....	3.71	46.7	3.36	50.8	3.98	47.7
1973 .....	3.31	52.3	.....	.....	.....	.....	.....	.....	3.94	49.6	3.54	53.5	4.20	50.3
1974 .....	3.56	56.2	.....	.....	.....	.....	.....	.....	4.20	52.8	3.81	57.6	4.53	54.3
1975 .....	3.75	59.2	.....	.....	.....	.....	.....	.....	4.62	58.1	4.11	62.1	4.91	58.8
1976 .....	4.02	63.5	.....	.....	.....	.....	.....	.....	4.98	62.6	4.38	66.2	5.27	63.1
1977 .....	4.23	66.8	.....	.....	.....	.....	.....	.....	5.41	68.1	4.72	71.3	5.67	67.9
1978 .....	4.47	70.6	.....	.....	.....	.....	.....	.....	5.83	73.3	4.97	75.1	6.08	72.8
1979 .....	4.81	76.0	.....	.....	.....	.....	.....	.....	6.27	78.9	5.21	78.7	6.57	78.7
1980 .....	5.28	83.4	.....	.....	.....	.....	.....	.....	6.86	86.3	5.73	86.6	7.18	86.0
1981 .....	5.91	93.4	.....	.....	.....	.....	.....	.....	7.31	91.9	6.19	93.5	7.84	93.9
1982 .....	6.33	100.0	.....	.....	.....	.....	.....	.....	7.95	100.0	6.62	100.0	8.35	100.0
1983 .....	6.53	103.2	.....	.....	.....	.....	.....	.....	8.45	106.3	6.91	104.4	8.84	105.9
1984 .....	7.10	112.2	.....	.....	.....	.....	.....	.....	8.92	112.2	7.04	106.3	9.22	110.4
1985 .....	7.20	113.7	.....	.....	.....	.....	.....	.....	9.32	117.2	7.29	110.1	9.67	115.8
1986 .....	7.20	113.7	.....	.....	.....	.....	.....	.....	9.67	121.6	7.48	113.0	9.92	118.8
1987 .....	7.27	114.8	.....	.....	.....	.....	.....	.....	9.98	125.5	7.85	118.6	10.09	120.8
1988 .....	7.87	124.3	.....	.....	.....	.....	.....	.....	10.32	129.8	8.01	121.0	10.43	124.9
Arkansas														
1972 .....	2.54	41.0	.....	.....	.....	.....	.....	.....	4.04	39.3	2.53	44.2	2.79	41.7
1973 .....	2.78	44.9	.....	.....	.....	.....	.....	.....	4.22	41.1	2.71	47.4	2.99	44.7
1974 .....	3.04	49.1	.....	.....	.....	.....	.....	.....	4.72	45.9	2.92	51.0	3.30	49.3
1975 .....	3.27	52.8	.....	.....	.....	.....	.....	.....	5.26	51.2	3.20	55.9	3.69	55.2
1976 .....	3.52	56.9	.....	.....	.....	.....	.....	.....	5.77	56.1	3.44	60.1	3.91	58.4
1977 .....	3.89	62.8	.....	.....	.....	.....	.....	.....	6.31	61.4	4.37	65.4	4.30	64.3
1978 .....	4.42	71.4	.....	.....	.....	.....	.....	.....	7.12	69.3	4.12	72.0	4.72	70.6
1979 .....	4.68	75.6	.....	.....	.....	.....	.....	.....	7.93	77.1	4.44	77.6	5.19	77.6
1980 .....	5.14	83.0	.....	.....	.....	.....	.....	.....	8.74	85.0	4.92	86.0	5.71	85.4
1981 .....	5.77	93.2	.....	.....	.....	.....	.....	.....	9.38	91.2	5.33	93.2	6.26	93.6
1982 .....	6.19	100.0	.....	.....	.....	.....	.....	.....	10.28	100.0	5.72	100.0	6.69	100.0
1983 .....	6.52	105.3	.....	.....	.....	.....	.....	.....	10.91	106.1	6.20	108.4	7.05	105.4
1984 .....	6.79	109.7	.....	.....	.....	.....	.....	.....	11.69	113.7	6.37	111.4	7.31	109.3
1985 .....	7.05	113.9	.....	.....	.....	.....	.....	.....	11.82	115.0	6.66	116.4	7.57	113.2
1986 .....	7.34	118.6	.....	.....	.....	.....	.....	.....	12.17	118.4	6.66	116.4	7.76	116.0
1987 .....	7.29	117.8	.....	.....	.....	.....	.....	.....	12.31	119.7	6.76	118.2	7.88	117.8
1988 .....	7.42	119.9	.....	.....	.....	.....	.....	.....	12.43	120.9	6.87	120.1	8.07	120.6

<sup>1</sup>Average hourly earnings for production or nonsupervisory workers.

<sup>2</sup>Not available.

<sup>3</sup>Data shown under "Lumber and wood products" column are for lumber and wood products including furniture.

<sup>4</sup>Data beginning with year noted are not comparable with prior years.

Source: U.S. Department of Labor, Bureau of Labor Statistics (61, 62).

Table 4.—*Production, imports, exports, and consumption of timber products, by major product, 1960-88*  
[Million cubic feet, roundwood equivalent]

Year	Industrial roundwood used for—																		
	All products					Lumber					Plywood and veneer					Pulp products			
	Total					Con- sump- tion					Pro- duc- tion					Imports <sup>2</sup> Exports <sup>2</sup>			
	Pro- duc- tion	Con- sump- tion	Pro- duc- tion	Imports	Exports	Con- sump- tion	Pro- duc- tion	Imports	Exports	Con- sump- tion	Pro- duc- tion	Imports	Exports	Con- sump- tion	Pro- duc- tion	Imports <sup>2</sup>	Exports <sup>2</sup>	Con- sump- tion	Pro- duc- tion
1960	10,220	11,445	8,920	1,680	455	10,145	5,080	610	135	5,560	705	60	(3)	765	2,575	985	275	3,290	510
1961	9,965	11,210	8,750	1,745	500	9,995	4,945	665	120	5,485	765	60	(3)	825	2,475	1,000	295	3,175	490
1962	10,165	11,575	9,040	1,910	505	10,120	5,120	760	120	5,765	800	75	(3)	875	2,565	1,055	295	3,330	465
1963	10,630	11,980	9,575	1,990	640	10,925	5,355	830	135	6,050	870	80	5	950	2,670	1,060	340	3,390	515
1964	11,170	12,470	10,185	2,035	735	11,485	5,635	815	150	6,300	960	90	5	1,045	2,865	1,120	395	3,585	540
1965	11,470	12,840	10,555	2,105	740	11,925	5,665	815	145	6,335	1,030	100	5	1,125	3,095	1,175	380	3,890	560
1966	11,510	12,910	10,665	2,230	835	12,065	5,630	810	160	6,280	1,030	115	5	1,140	3,190	1,290	420	4,060	565
1967	11,215	12,355	10,435	2,165	1,020	11,580	5,325	800	175	5,950	1,030	110	10	1,130	3,190	1,240	460	3,970	515
1968	11,760	12,920	11,060	2,400	1,235	12,220	5,545	960	180	6,325	1,120	165	10	1,275	3,385	1,260	525	4,120	485
1969	11,650	12,870	11,030	2,515	1,295	12,250	5,415	980	180	6,215	1,050	180	20	1,210	3,585	1,340	570	4,355	455
1970	11,640	12,530	11,105	2,430	1,540	11,995	5,215	955	195	5,970	1,020	170	15	1,170	3,835	1,280	720	4,400	425
1971	11,535	12,910	11,035	2,670	1,295	12,410	5,390	1,130	165	6,355	1,175	210	15	1,365	3,560	1,310	620	4,255	415
1972	11,915	13,435	11,440	3,060	1,545	12,960	5,535	1,415	215	6,740	1,300	270	25	1,550	3,520	1,365	625	4,260	405
1973	12,430	13,825	11,925	3,150	1,755	13,320	5,670	1,460	300	6,830	1,320	225	40	1,510	3,755	1,460	640	4,575	405
1974	12,075	13,025	11,540	2,755	1,805	12,490	5,095	1,115	270	5,940	1,150	155	50	1,255	4,220	1,470	805	4,885	395
1975	11,145	11,675	10,575	2,215	1,685	11,105	4,890	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875	385
1976	12,525	13,495	11,920	2,840	1,870	12,895	5,585	1,290	290	6,585	1,355	215	65	1,500	3,805	1,320	710	4,415	375
1977	13,185	14,700	12,185	3,310	1,800	13,700	5,950	1,675	260	7,365	1,425	210	35	1,600	3,645	1,395	725	4,320	385
1978	14,090	16,005	12,565	3,755	1,845	14,480	6,155	1,910	275	7,790	1,460	230	40	1,650	3,745	1,595	720	4,625	395
1979	15,155	16,670	12,950	3,655	2,135	14,465	6,115	1,800	340	7,580	1,370	195	45	1,520	4,110	1,635	805	4,935	405
1980	15,225	16,125	12,120	3,250	2,350	13,020	5,300	1,540	395	6,450	1,175	120	45	1,250	4,390	1,565	1,070	4,885	415
1981	14,330	15,405	11,150	3,165	2,090	12,225	4,780	1,490	380	5,885	1,180	140	70	1,250	4,125	1,515	995	4,645	425
1982	14,265	15,285	10,910	3,015	1,995	11,930	4,635	1,460	320	5,780	1,135	115	50	1,200	3,980	1,415	900	4,495	435
1983	15,300	16,900	12,065	3,710	2,110	13,665	5,370	1,915	360	6,925	1,365	160	65	1,460	4,165	1,605	965	4,805	445
1984	16,345	18,450	12,725	4,165	2,060	14,830	5,770	2,130	340	7,560	1,400	145	45	1,500	4,355	1,860	930	5,290	455
1985	15,965	18,235	12,515	4,340	2,070	14,785	5,665	2,345	305	7,700	1,420	165	40	1,550	4,165	1,810	920	5,055	465
1986	16,960	19,030	13,845	4,375	2,300	15,920	6,545	2,285	385	8,445	1,505	185	65	1,625	4,545	1,895	1,080	5,360	475
1987	17,820	19,745	14,670	4,575	2,650	16,595	6,990	2,380	510	8,860	1,650	190	80	1,760	4,670	1,985	1,195	5,465	495
1988 <sup>4</sup>	18,345	19,590	14,985	4,445	3,200	16,230	6,920	2,225	720	8,425	1,630	165	100	1,695	4,885	2,045	1,345	5,585	510

NOTE: Data may not add to totals because of rounding.  
Sources: Based on data published by the U.S. Departments of Commerce and Agriculture.  
Data for 1900-49 in *The demand and price situation for forest products 1964, table 2 (31)*.

<sup>1</sup>Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.  
<sup>2</sup>Includes pulpwood and the pulpwood equivalent of woodpulp and paper and board.  
<sup>3</sup>Less than 2.5 million cubic feet.  
<sup>4</sup>Preliminary.





Table 6.—*Production, imports, exports, and consumption of hardwood timber products, by major product, 1960-88*  
[Million cubic feet, roundwood equivalent]

Year	All products			Industrial roundwood used for—										Other industrial products <sup>1</sup>		Fuel-wood—production and consumption						
	Pro-duction	Con-sump-tion	Pro-duction	Total			Lumber			Plywood and veneer			Pulp products		Con-sump-tion		Imports	Exports	Log			
				Pro-duction	Imports	Exports	Con-sump-tion	Pro-duction	Imports	Exports	Con-sump-tion	Pro-duction	Imports <sup>2</sup>	Exports <sup>2</sup>						Con-sump-tion		
1960	3,040	3,125	1,995	180	90	2,080	955	45	25	975	155	60	(3)	215	615	60	55	625	255	15	10	1,045
1961	2,920	2,985	1,935	165	95	2,000	910	35	25	925	150	60	(3)	210	625	60	60	620	240	10	10	985
1962	2,970	3,075	2,055	205	100	2,160	970	45	20	1,000	150	75	(3)	220	695	70	65	700	225	10	15	915
1963	3,085	3,180	2,230	210	110	2,325	1,095	45	20	1,120	145	80	(3)	225	735	70	75	730	245	10	15	855
1964	3,145	3,240	2,350	225	125	2,445	1,110	45	20	1,135	160	90	5	245	815	75	90	800	255	10	10	795
1965	3,165	3,280	2,430	240	125	2,545	1,140	50	20	1,170	160	100	(3)	255	855	80	90	850	260	10	15	735
1966	3,200	3,340	2,525	275	135	2,665	1,180	65	25	1,220	135	110	(3)	240	945	90	100	935	255	10	15	675
1967	3,035	3,120	2,415	240	150	2,500	1,135	50	25	1,160	135	105	(3)	235	905	70	105	870	230	10	20	620
1968	2,970	3,115	2,410	305	160	2,555	1,095	55	15	1,130	135	160	5	295	940	85	125	900	220	10	20	560
1969	3,025	3,220	2,530	370	175	2,725	1,140	70	20	1,190	130	175	5	300	1,045	120	140	1,025	205	10	15	495
1970	2,900	3,000	2,470	310	210	2,565	1,090	50	20	1,120	125	165	5	280	1,050	85	170	965	195	5	15	430
1971	2,820	2,980	2,420	350	190	2,580	1,060	55	25	1,090	130	205	5	335	1,030	85	150	970	185	5	10	400
1972	2,880	3,095	2,495	430	215	2,710	1,045	70	35	1,080	140	260	5	400	1,115	90	155	1,050	175	5	20	385
1973	3,075	3,260	2,670	405	225	2,855	1,100	85	35	1,155	130	220	5	340	1,250	95	160	1,185	170	5	20	405
1974	3,150	3,205	2,725	325	275	2,780	1,105	70	30	1,145	105	150	10	240	1,335	100	210	1,225	160	5	25	425
1975	2,645	2,680	2,195	270	235	2,230	955	40	35	960	80	160	10	230	1,000	65	175	885	150	5	15	450
1976	2,945	3,030	2,475	330	250	2,560	1,060	50	40	1,070	85	205	10	275	1,175	75	175	1,070	140	5	20	470
1977	3,350	3,455	2,540	350	245	2,645	1,105	55	40	1,125	90	200	10	280	1,175	95	175	1,095	145	5	20	810
1978	3,965	4,070	2,725	390	285	2,830	1,160	60	65	1,155	90	215	20	290	1,295	110	180	1,225	155	5	25	1,240
1979	4,615	4,665	2,820	350	300	2,870	1,205	60	60	1,210	90	180	15	260	1,335	100	200	1,240	165	5	25	1,795
1980	5,355	5,205	2,825	255	405	2,675	1,175	50	80	1,140	80	110	15	175	1,370	90	275	1,185	170	5	30	2,530
1981	5,230	5,130	2,640	280	375	2,540	1,030	50	80	1,000	75	135	15	195	1,330	95	260	1,165	180	5	25	2,590
1982	5,200	5,090	2,465	230	340	2,355	855	35	65	825	70	105	10	160	1,380	85	245	1,175	185	5	20	2,735
1983	5,420	5,330	2,780	305	395	2,690	935	45	85	895	75	150	15	210	1,550	110	270	1,385	195	5	25	2,640
1984	5,920	5,850	2,935	320	390	2,865	1,040	55	85	1,005	75	135	15	195	1,595	130	265	1,460	205	5	25	2,985
1985	5,670	5,670	2,825	375	375	2,825	990	60	70	980	60	155	10	205	1,540	155	270	1,425	210	5	25	2,845
1986	5,815	5,750	3,250	395	460	3,180	1,195	55	90	1,160	65	165	15	220	1,740	165	325	1,580	220	5	30	2,570
1987	5,880	5,765	3,280	435	545	3,165	1,240	85	130	1,195	75	175	20	230	1,710	175	365	1,520	220	5	30	2,600
1988 <sup>4</sup>	6,325	6,030	3,555	390	690	3,260	1,285	65	210	1,140	75	150	25	200	1,915	175	410	1,680	240	5	40	2,770

<sup>1</sup>Includes cooperage bgs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle wood, and miscellaneous items.

<sup>2</sup>Includes pulpwood and the pulpwood equivalent of woodpulp and paper and board.

<sup>3</sup>Less than 2.5 million cubic feet.

<sup>4</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: Based on data published by the U.S. Departments of Commerce and Agriculture.



Table 7.—*Production, imports, exports, and consumption of timber products in tons, by major product, 1960-88*

[Million tons, air-dry weight<sup>1</sup>]

All products		Product from industrial roundwood																			Fuel—wood—production and consumption				
		Year		Total			Lumber			Plywood and veneer			Panel products <sup>2</sup>			Woodpulp <sup>3</sup>			Other industrial products <sup>4</sup> —production and consumption			Pulp—wood—chip and exports			
				Pro-duction	Con-sump-tion	Pro-duction	Ex-ports	Im-ports	Pro-duction	Ex-ports	Im-ports	Pro-duction	Ex-ports	Con-sump-tion	Pro-duction	Im-ports <sup>6</sup>	Ex-ports <sup>7</sup>	Con-sump-tion	Log-ex-ports						
1960	102.8	110.4	77.5	11.4	3.8	85.0	36.0	4.1	0.9	39.2	4.7	0.6	( <sup>8</sup> )	5.3	2.2	0.1	( <sup>8</sup> )	2.3	24.1	6.6	2.0	28.7	9.6	0.8	25.4
1961	102.6	109.4	78.5	11.8	4.6	85.7	35.0	4.4	.9	38.5	5.2	.6	( <sup>8</sup> )	5.8	2.3	.1	( <sup>8</sup> )	2.4	25.3	6.7	2.2	29.8	9.2	1.5	23.7
1962	103.2	112.2	81.7	13.1	4.6	90.2	36.4	5.1	.8	40.6	5.8	.7	( <sup>8</sup> )	6.5	2.5	.1	( <sup>8</sup> )	2.7	26.6	7.1	2.1	31.6	8.7	1.6	22.0
1963	109.5	116.8	88.9	13.6	6.3	96.2	38.4	5.5	.9	43.0	6.4	.8	( <sup>8</sup> )	7.2	2.8	.2	( <sup>8</sup> )	3.0	28.7	7.1	2.4	33.4	9.6	2.9	20.6
1964	114.2	121.2	94.9	14.2	7.2	102.0	40.3	5.4	1.0	44.7	7.1	.9	( <sup>8</sup> )	8	3.2	.2	( <sup>8</sup> )	3.4	31.0	7.7	2.8	35.8	10.1	3.3	19.2
1965	116.4	123.6	98.5	14.8	7.5	105.8	40.6	5.5	1.0	45.1	7.7	.9	( <sup>8</sup> )	8.6	3.5	.2	( <sup>8</sup> )	3.8	32.5	8.2	2.7	37.9	10.5	3.6	0.1
1966	118.9	125.9	102.4	15.8	8.7	109.5	40.6	5.5	1.1	45.0	7.9	1.1	( <sup>8</sup> )	9.0	3.7	.2	( <sup>8</sup> )	3.9	35.1	9.1	3.1	41.1	10.5	4.2	.3
1967	117.2	121.0	102.0	15.2	11.4	105.9	38.6	5.4	1.2	42.8	7.8	1.1	0.1	8.8	3.9	.2	( <sup>8</sup> )	4.0	35.4	8.6	3.4	40.6	9.6	5.9	.7
1968	124.8	127.3	111.1	17.1	14.6	113.7	40.1	6.4	1.2	45.3	8.7	1.5	.3	10.1	4.7	.3	( <sup>8</sup> )	4.9	39.3	9.0	4.0	44.3	9.0	7.7	1.5
1969	124.3	127.5	112.2	18.3	15.1	115.4	39.7	6.6	1.2	45.1	8.2	1.6	.2	9.7	5.3	.3	.3	5.5	41.1	9.8	4.3	46.6	8.5	7.2	2.2
1970	123.1	122.7	112.6	17.3	17.7	112.2	38.3	6.3	1.3	43.4	8.6	1.6	.1	10.0	5.3	.2	.2	5.4	41.7	9.2	5.4	45.5	7.9	8.2	2.6
1971	124.9	129.3	115.1	19.4	14.9	119.6	40.4	7.8	1.2	47.1	9.8	1.9	.2	11.6	6.7	.3	.1	6.9	41.7	9.3	4.7	46.3	7.7	6.9	2.0
1972	132.8	136.6	123.5	22.4	18.6	127.3	41.0	9.7	1.5	49.2	10.5	2.4	.2	12.8	8.0	.4	.1	8.3	44.4	9.8	4.7	49.4	7.5	9.4	2.5
1973	138.0	139.9	128.1	22.8	20.8	130.1	42.0	9.9	2.0	49.9	10.5	2.0	.3	12.1	8.7	.4	.2	8.9	45.8	10.4	4.7	51.6	7.5	10.1	3.5
1974	130.2	129.8	119.8	19.8	20.2	119.4	38.1	7.6	1.8	43.9	8.9	1.4	.4	9.8	7.8	.3	.3	7.9	45.8	10.6	5.9	50.5	7.3	8.0	3.9
1975	121.6	118.4	110.5	15.8	19.0	107.3	35.5	6.1	1.7	39.9	8.9	1.5	.6	9.8	7.1	.1	.2	7.0	40.7	8.1	5.3	43.4	7.1	8.0	3.2
1976	136.3	134.5	124.6	19.9	21.6	122.8	40.1	8.4	1.9	46.6	10.1	1.8	.5	11.4	8.7	.3	.2	8.7	45.1	9.3	5.2	49.2	7.0	9.8	3.9
1977	149.2	151.3	129.6	22.7	20.6	131.7	42.5	10.9	1.8	51.7	10.6	1.8	.3	12.1	9.6	.5	.2	9.9	46.5	9.5	5.1	50.9	7.1	9.3	4.0
1978	163.5	168.1	133.7	26.0	21.4	138.3	43.9	12.5	1.9	54.4	11.0	1.9	.3	12.6	10.3	.6	.1	10.8	47.3	11.0	5.1	53.2	7.3	10.3	3.6
1979	179.4	180.0	136.3	25.4	24.8	136.9	44.1	11.8	2.3	53.5	10.3	1.6	.3	11.6	9.6	.6	.2	10.0	48.6	11.3	5.7	54.2	7.5	11.8	4.5
1980	189.4	186.7	128.7	22.6	25.4	126.0	38.9	10.1	2.7	46.2	8.8	1.0	.4	9.4	8.2	.6	.2	8.6	50.7	10.9	7.7	54.0	7.7	9.8	4.5
1981	183.2	183.7	121.1	22.1	21.7	121.6	34.8	9.7	2.6	41.9	8.8	1.2	.6	9.4	7.8	.6	.3	8.1	50.8	10.6	7.1	54.3	7.9	7.5	3.5
1982	183.0	182.2	117.4	21.0	21.8	116.6	32.4	9.5	2.2	39.6	8.5	1.0	.4	9.1	6.8	.6	.2	7.2	49.2	10.0	6.5	52.7	8.1	9.7	2.9
1983	191.5	194.6	128.3	25.6	22.6	131.4	37.1	12.4	2.5	47.0	10.2	1.4	.5	11.1	8.4	.8	.2	9.0	51.9	11.0	6.8	56.0	8.3	10.0	2.5
1984	207.0	213.7	136.2	29.3	22.7	142.9	40.0	13.9	2.4	51.4	10.5	1.2	.4	11.4	8.7	1.2	.2	9.7	55.7	13.1	6.7	62.0	8.5	10.5	2.3
1985	204.4	212.4	136.9	31.3	23.3	144.9	39.2	15.2	2.2	52.2	10.7	1.4	.3	11.8	8.9	1.3	.2	10.0	55.6	13.4	6.7	62.2	8.6	11.6	2.3
1986	207.6	214.1	146.7	31.5	24.9	153.2	45.3	14.9	2.7	57.5	11.3	1.5	.5	12.3	9.1	1.2	.3	10.0	58.7	13.8	7.8	64.7	8.8	11.0	2.4
1987	216.5	221.4	154.9	33.0	28.1	159.8	48.3	15.6	3.7	60.2	12.4	1.6	.7	13.3	9.5	1.3	.4	10.4	60.5	14.6	8.5	66.6	9.2	12.4	2.5
1988 <sup>9</sup>	225.5	223.6	159.8	32.0	33.9	157.9	48.4	14.5	5.2	57.6	12.2	1.4	.8	12.8	9.7	1.3	.6	10.4	62.0	14.8	9.3	67.5	9.5	14.5	3.5

<sup>1</sup>Air-dry weight contains 15 percent moisture content.

<sup>2</sup>Includes hardwood, insulating board, and particleboard.

<sup>3</sup>Excludes woodpulp used in hardboard and insulating board.

<sup>4</sup>Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

<sup>5</sup>Excludes veneer produced and consumed in industries other than the plywood industry.

<sup>6</sup>Includes both woodpulp and the woodpulp equivalent of paper and board except hardboard and insulating board.

<sup>7</sup>Includes pulpwood (except chips), woodpulp, and the woodpulp equivalent of paper and board except hardboard and insulating board.

<sup>8</sup>Less than 50,000 tons.

<sup>9</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: Based on data published by the U.S. Departments of Commerce and Agriculture.

Table 8.—Per capita consumption of timber products, by major product, 1960-88

Year	All products	Industrial, roundwood used for—									
		Total		Lumber		Plywood and veneer		Pulp products		Other industrial products <sup>1</sup>	Fuelwood
		<i>Cubic feet</i>	<i>Cubic feet</i>	<i>Cubic feet</i>	<i>Board feet (lumber tally)</i>	<i>Cubic feet</i>	<i>Board feet (local log rule)</i>	<i>Cubic feet</i>	<i>Cords</i>	<i>Cubic feet</i>	<i>Cubic feet</i> <i>Cords</i>
1960 .....	63.3	56.1	30.8	199	4.2	25	18.2	0.2	2.8	7.2	0.1
1961 .....	61.0	54.4	29.9	193	4.5	27	17.3	.2	2.7	6.6	.1
1962 .....	62.1	56.0	30.9	200	4.7	28	17.8	.2	2.5	6.0	.1
1963 .....	63.3	57.7	32.0	207	5.0	30	17.9	.2	2.7	5.6	.1
1964 .....	65.0	59.9	32.9	213	5.4	33	18.7	.2	2.8	5.1	.1
1965 .....	66.1	61.4	32.6	212	5.8	35	20.0	.3	2.9	4.7	.1
1966 .....	65.7	61.4	31.9	207	5.8	35	20.7	.3	2.9	4.3	.1
1967 .....	62.2	58.3	29.9	195	5.7	34	20.0	.3	2.6	3.9	.1
1968 .....	64.4	60.9	31.5	207	6.4	39	20.5	.3	2.4	3.5	( <sup>2</sup> )
1969 .....	63.5	60.4	30.7	202	6.0	36	21.5	.3	2.2	3.1	( <sup>2</sup> )
1970 .....	61.1	58.5	29.1	193	5.7	34	21.4	.3	2.1	2.6	( <sup>2</sup> )
1971 .....	62.1	59.7	30.6	209	6.6	40	20.5	.3	2.0	2.4	( <sup>2</sup> )
1972 .....	64.0	61.7	32.1	218	7.4	43	20.3	.3	1.9	2.3	( <sup>2</sup> )
1973 .....	65.3	62.9	32.2	218	7.1	41	21.6	.3	1.9	2.4	( <sup>2</sup> )
1974 .....	60.9	58.4	27.8	188	5.9	33	22.8	.3	1.8	2.5	( <sup>2</sup> )
1975 .....	54.0	51.4	25.8	171	5.9	32	17.9	.2	1.8	2.6	( <sup>2</sup> )
1976 .....	61.9	59.1	30.2	199	6.9	37	20.3	.3	1.7	2.8	( <sup>2</sup> )
1977 .....	66.7	62.2	33.4	220	7.3	39	19.6	.2	1.8	4.5	.1
1978 .....	71.9	65.0	35.0	229	7.4	40	20.8	.3	1.8	6.9	.1
1979 .....	74.1	64.3	33.7	222	6.8	37	21.9	.3	1.8	9.8	.1
1980 .....	70.8	57.2	28.3	188	5.5	30	21.4	.3	1.8	13.6	.2
1981 .....	66.9	53.1	25.6	169	5.4	29	20.2	.3	1.8	13.8	.2
1982 .....	65.7	51.3	24.9	161	5.2	28	19.3	.2	1.9	14.4	.2
1983 .....	72.0	58.2	29.5	190	6.2	34	20.5	.3	1.9	13.8	.2
1984 .....	77.9	62.6	31.9	205	6.3	34	22.3	.3	1.9	15.3	.2
1985 .....	76.2	61.8	32.2	207	6.5	35	21.1	.3	1.9	14.4	.2
1986 .....	78.8	65.9	35.0	224	6.7	37	22.2	.3	2.0	12.9	.2
1987 .....	81.0	68.0	36.3	233	7.2	39	22.4	.3	2.0	12.9	.2
1988 <sup>3</sup> .....	79.5	65.9	34.2	221	6.9	37	22.7	.3	2.1	13.6	.2

<sup>1</sup>Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

<sup>2</sup>Less than .05 cord.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: Based on data published by the U.S. Departments of Commerce and Agriculture. Data for 1900-49 in *The demand and price situation for forest products, 1964*, table 3 (31).

Table 9.—Consumption of selected timber products and other materials used in construction, manufacturing, and shipping, 1960-88

Year	Lumber						Plywood					
	Total		Softwoods		Hardwoods		Total		Softwoods		Hardwoods	
	Consump- tion	Index 1982=100	Consump- tion	Index 1982=100	Consump- tion	Index 1982=100	Consump- tion	Index 1982=100	Consump- tion	Index 1982=100	Consump- tion	Index 1982=100
	<i>Billion board feet</i>		<i>Billion board feet</i>		<i>Billion board feet</i>		<i>Billion square feet (3/8-inch basis)</i>		<i>Billion square feet (3/8-inch basis)</i>		<i>Billion square feet (3/8-inch basis)</i>	
1960 .....	36.0	96.5	29.6	91.1	6.4	130.6	9.6	57.5	7.8	53.1	1.8	90.0
1961 .....	35.5	95.2	29.5	90.8	6.0	122.4	10.5	62.9	8.5	57.8	2.0	100.0
1962 .....	37.3	100.0	30.8	94.8	6.5	132.7	11.7	70.1	9.3	63.3	2.4	120.0
1963 .....	39.2	105.1	31.8	97.8	7.3	149.0	13.0	77.8	10.4	70.7	2.6	130.0
1964 .....	40.8	109.4	33.4	102.8	7.4	151.0	14.4	86.2	11.4	77.6	2.9	145.0
1965 .....	41.1	110.2	33.4	102.8	7.7	157.1	15.5	92.8	12.4	84.4	3.1	155.0
1966 .....	40.8	109.4	32.8	100.9	8.0	163.3	16.1	96.4	12.8	87.1	3.3	165.0
1967 .....	38.8	104.0	31.1	95.7	7.6	155.1	15.9	95.2	12.8	87.1	3.2	160.0
1968 .....	41.5	111.3	34.0	104.6	7.4	151.0	18.2	109.0	14.3	97.3	3.9	195.0
1969 .....	41.0	109.9	33.2	102.2	7.8	159.2	17.3	103.6	13.4	91.2	4.0	200.0
1970 .....	39.5	105.9	32.2	99.1	7.3	149.0	17.8	106.6	14.0	95.2	3.8	190.0
1971 .....	43.5	116.6	36.3	111.7	7.1	144.9	20.7	124.0	16.3	110.9	4.5	225.0
1972 .....	45.8	122.8	38.8	119.4	7.0	142.9	22.8	136.5	17.6	119.7	5.2	260.0
1973 .....	46.2	123.9	38.9	119.7	7.3	149.0	21.8	130.5	17.5	119.0	4.3	215.0
1974 .....	40.1	107.5	33.0	101.5	7.2	146.9	17.7	106.0	14.8	100.7	3.0	150.0
1975 .....	37.0	99.2	31.1	95.7	5.9	120.4	17.8	106.6	14.9	101.4	2.9	145.0
1976 .....	43.4	116.4	36.9	113.5	6.5	132.7	20.6	123.4	17.2	117.0	3.4	170.0
1977 .....	48.4	129.8	41.6	128.0	6.8	138.8	22.0	131.7	18.6	126.5	3.4	170.0
1978 .....	51.0	136.7	44.0	135.4	7.0	142.9	22.9	137.1	19.3	131.3	3.6	180.0
1979 .....	50.0	134.0	42.6	131.1	7.3	149.0	21.0	125.7	17.8	121.1	3.2	160.0
1980 .....	42.7	114.5	35.8	110.2	6.9	140.8	17.3	103.6	15.1	102.7	2.2	110.0
1981 .....	38.8	104.0	32.7	100.6	6.1	124.5	17.3	103.6	14.9	101.4	2.4	120.0
1982 .....	37.3	100.0	32.5	100.0	4.9	100.0	16.7	100.0	14.7	100.0	2.0	100.0
1983 .....	44.5	119.3	39.2	120.6	5.4	110.2	20.4	122.2	17.8	121.1	2.6	130.0
1984 .....	48.5	130.0	42.5	130.8	6.1	124.5	20.9	125.1	18.6	126.5	2.4	120.0
1985 .....	49.5	132.7	43.6	134.2	5.9	120.4	21.6	129.3	19.1	129.9	2.5	125.0
1986 .....	54.2	145.3	47.2	145.2	7.0	142.9	22.6	135.3	19.9	135.4	2.7	135.0
1987 .....	56.9	152.5	49.7	152.9	7.2	146.9	24.5	146.7	21.7	147.6	2.9	145.0
1988 <sup>3</sup> .....	54.4	145.8	47.6	146.5	6.9	140.8	23.7	141.9	21.2	144.2	2.5	125.0

See footnotes at end of table.

Table 9.—Consumption of selected timber products and other materials used in construction, manufacturing, and shipping, 1960-88—Continued

Year	Board						Portland cement		Steel products <sup>1</sup>		Brick	
	Particleboard <sup>2</sup>		Insulating		Hardboard		Shipments	Index 1982=100	Shipments	Index 1982=100	Shipments	Index 1982=100
	Consumption	Index 1982=100	Consumption	Index 1982=100	Shipments	Index 1982=100						
	Million square feet (3/4-inch basis)		Million square feet (1/2-inch basis)		Million square feet (1/8-inch basis)		Thousand tons		Thousand tons		Million bricks	
1960 .....	268	8.6	2,856	155.1	.....	.....	58,711	90.9	9,664	154.4	6,502	127.0
1961 .....	326	10.5	2,833	153.9	.....	.....	60,301	93.3	9,260	147.9	6,428	125.6
1962 .....	408	13.1	2,883	156.6	.....	.....	62,383	96.6	9,315	148.8	6,913	135.0
1963 .....	497	15.9	3,059	166.2	.....	.....	65,660	101.6	10,051	160.6	7,405	144.7
1964 .....	640	20.5	3,322	180.5	.....	.....	68,865	106.6	10,992	175.6	7,744	151.3
1965 .....	807	25.9	3,394	184.4	.....	.....	70,328	108.9	11,836	189.1	8,089	158.0
1966 .....	998	32.0	3,097	168.2	.....	.....	71,570	110.8	11,862	189.5	7,552	147.5
1967 .....	1,114	35.7	3,233	175.6	.....	.....	70,315	108.8	11,375	181.7	7,117	139.0
1968 .....	1,420	45.5	3,525	191.5	.....	.....	74,740	115.7	12,195	194.8	7,557	147.6
1969 .....	1,714	55.0	3,656	198.6	.....	.....	77,047	119.3	11,402	182.1	7,290	142.4
1970 .....	1,757	56.4	3,246	176.3	.....	.....	73,407	113.6	10,565	168.8	6,496	126.9
1971 .....	2,382	76.4	3,889	211.2	.....	.....	79,005	122.3	8,666	138.4	7,570	147.9
1972 .....	3,086	99.0	3,973	215.8	.....	.....	82,808	128.2	8,589	137.2	8,402	164.1
1973 .....	3,434	110.1	3,975	215.9	.....	.....	88,459	136.9	10,731	171.4	8,674	169.4
1974 .....	2,998	96.2	3,252	176.6	.....	.....	81,125	125.6	11,360	181.5	6,673	130.4
1975 .....	2,686	86.1	2,919	158.6	.....	.....	69,078	106.9	8,119	129.7	6,262	122.3
1976 .....	3,463	111.1	3,375	183.3	.....	.....	72,833	112.7	7,508	119.9	7,218	141.0
1977 .....	4,130	132.5	3,485	189.3	.....	.....	78,730	121.9	7,553	120.7	8,663	169.2
1978 .....	4,537	145.5	3,470	188.5	.....	.....	84,838	131.3	9,612	153.5	8,586	167.7
1979 .....	4,207	134.9	3,400	184.7	.....	.....	84,860	131.4	9,978	159.4	7,708	150.6
1980 .....	3,700	118.7	2,818	153.1	.....	.....	76,059	117.7	8,742	139.6	6,090	119.0
1981 .....	3,598	115.4	2,118	115.0	.....	.....	71,901	111.3	8,446	134.9	5,059	98.8
1982 .....	3,118	100.0	1,841	100.0	5,381	100.0	64,602	100.0	6,260	100.0	5,119	100.0
1983 .....	3,956	126.9	2,397	130.2	5,848	108.7	70,849	109.7	6,276	100.3	6,218	121.5
1984 .....	4,473	143.5	2,743	149.0	5,490	102.0	81,928	126.8	6,052	96.7	6,991	136.6
1985 .....	4,607	147.8	2,724	148.0	5,289	98.3	84,779	131.2	6,407	102.3	6,605	129.0
1986 .....	4,912	157.5	2,415	131.2	4,571	84.9	88,946	137.7	5,141	82.1	7,184	140.3
1987 .....	5,143	164.9	2,389	129.8	4,455	82.8	90,458	140.0	5,619	89.8	7,313	142.9
1988 <sup>3</sup> .....	5,300	170.0	2,370	128.7	4,313	80.2	90,299	139.8	6,014	96.1	7,811	152.6

<sup>1</sup>Construction, including maintenance. Net shipments.

<sup>2</sup>Includes medium density fiberboard beginning in 1975.

<sup>3</sup>Preliminary.

Sources: Based on data published by the U.S. Departments of Commerce and Agriculture, and the National Particleboard Association.



Table 10.—Volume and value of imports and exports of timber products, by product, 1988

Item	Standard unit of measure	Imports <sup>1</sup>		Exports	
		Volume	Value <sup>2</sup>	Volume	Value <sup>3</sup>
			<i>Million dollars</i>		<i>Million dollars</i>
Logs:					
Softwoods.....	Million board feet .....	55.9	14.7	4,594.4	2,089.6
Hardwoods .....	do .....	12.2	3.4	203.7	160.0
Total .....	do .....	68.1	18.1	4,798.1	2,249.5
Lumber:					
Softwoods .....	do .....	13,811.4	2,932.8	3,264.0	1,142.2
Hardwoods .....	do .....	385.9	238.3	1,231.4	671.5
Railroad ties .....	do .....	29.1	6.2	32.0	11.7
Total .....	do .....	14,226.5	3,177.4	4,527.3	1,825.4
Veneer:					
Softwoods.....	Million square feet .....	512.9	21.4	255.9	12.4
Hardwoods .....	do .....	1,713.8	161.0	1,574.3	147.8
Total .....	do .....	2,226.7	182.4	1,830.2	160.2
Plywood:					
Softwoods .....	do .....	96.0	35.3	1,004.4	225.0
Hardwoods .....	do .....	3,262.3	542.1	103.8	22.2
Total .....	do .....	3,358.3	577.5	1,108.2	247.2
Particleboard .....	do .....	1,133.0	155.4	325.9	81.1
Hardboard .....	do .....	630.8	48.9	322.9	49.0
Pulpwood:					
Round .....	Thousand cords .....	39.5	4.2	15.5	.9
Chips .....	do .....	697.0	35.6	2,747.5	286.2
Total .....	do .....	736.5	39.8	2,763.0	287.1
Woodpulp .....	Thousand short tons .....	4,938.2	2,607.5	5,528.3	2,914.5
Paper and board:					
Newsprint .....	do .....	8,801.5	4,569.9	427.3	295.5
Other paper and board .....	do .....	3,925.7	2,468.3	4,449.3	2,405.9
Paper and board products .....	do .....	383.0	963.9	814.7	1,051.3
Total .....	do .....	13,110.2	8,002.0	5,691.2	3,752.7
Other wood products <sup>4</sup> .....			1,940.0		1,214.8
Total all products .....			16,749.0		12,781.6

<sup>1</sup>Imports for consumption.

<sup>2</sup>Customs value which is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges.

<sup>3</sup>Value (free alongside ship) at U.S. ports of export, based on the transaction price, including inland freight, insurance, and other charges.

<sup>4</sup>Includes poles and piling, fuelwood, wood charcoal, cork, waste paper, wood containers, wood doors, and other miscellaneous products. Does not include wood furniture or printed material.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (52, 53).



Table 11.—Volume (in metric units) and value of imports and exports of timber products, by product, 1988

Item	Unit of measure	Imports <sup>1</sup>		Exports	
		Volume	Value <sup>2</sup>	Volume	Value <sup>3</sup>
			Million dollars		Million dollars
Logs:					
Softwoods .....	Thousand cubic meters .....	253	14.7	20,813	2,089.6
Hardwoods .....	do .....	55	3.4	923	160.0
Total .....	do .....	308	18.1	21,736	2,249.5
Lumber:					
Softwoods .....	do .....	32,595	2,932.8	7,703	1,142.2
Hardwoods .....	do .....	911	238.3	2,906	671.5
Railroad ties .....	do .....	69	6.2	76	11.7
Total .....	do .....	33,575	3,177.4	10,685	1,825.4
Veneer:					
Softwoods .....	Thousand square meters .....	47,648	21.4	23,776	12.4
Hardwoods .....	do .....	159,212	161.0	146,249	147.8
Total .....	do .....	206,860	182.4	170,025	160.2
Plywood:					
Softwoods .....	Thousand cubic meters .....	85	35.3	889	225.0
Hardwoods .....	do .....	1,418	542.1	78	22.2
Total .....	do .....	1,503	577.5	967	247.2
Particleboard .....	do .....	1,173	155.4	481	81.1
Hardboard .....	do .....	186	48.9	95	49.0
Pulpwood:					
Round .....	do .....	87	4.2	34	.9
Chips .....	do .....	1,540	35.6	6,072	286.2
Total .....	do .....	1,627	39.8	6,106	287.1
Woodpulp .....	Thousand metric tons .....	4,480	2,607.5	5,015	2,914.5
Paper and board:					
Newsprint .....	do .....	7,985	4,569.9	388	295.5
Other paper and board .....	do .....	3,561	2,468.3	4,036	2,405.9
Paper and board products .....	do .....	347	963.9	739	1,051.3
Total .....	do .....	11,893	8,002.0	5,163	3,752.7
Other wood products <sup>4</sup> .....			1,940.0		1,214.8
Total all products .....			16,749.0		12,781.6

<sup>1</sup>Imports for consumption.

<sup>2</sup>Customs value which is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges.

<sup>3</sup>Value (free alongside ship) at U.S. ports of export, based on the transaction price, including inland freight, insurance, and other charges.

<sup>4</sup>Includes poles and piling, fuelwood, wood charcoal, cork, waste paper, wood containers, wood doors, and other miscellaneous products. Does not include wood furniture or printed material.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (52, 53).

Table 12.—Value of imports and exports of all commodities and timber products, 1960-88

Year	Imports <sup>1</sup>					Exports <sup>2</sup>				
	All commodities		Timber products			All commodities		Timber products		
			Total	Proportion <sup>3</sup>				Total	Proportion <sup>3</sup>	
	<i>Million current dollars</i>	<i>Million 1982 dollars<sup>4</sup></i>	<i>Million current dollars</i>	<i>Million 1982 dollars<sup>4</sup></i>	<i>Percent</i>	<i>Million current dollars</i>	<i>Million 1982 dollars<sup>4</sup></i>	<i>Million current dollars</i>	<i>Million 1982 dollars<sup>4</sup></i>	<i>Percent</i>
1960 .....	14,652	62,615	1,645	7,030	11.2	20,300	66,776	612	2,013	3.0
1961 .....	14,357	62,152	1,636	7,082	11.4	20,629	66,761	650	2,104	3.2
1962 .....	16,249	70,956	1,764	7,703	10.9	21,359	68,900	655	2,113	3.1
1963 .....	17,014	72,093	1,734	7,347	10.2	22,922	73,704	739	2,376	3.2
1964 .....	18,600	77,178	1,882	7,809	10.1	26,136	83,236	867	2,761	3.3
1965 .....	21,285	86,174	1,977	8,004	9.3	27,135	83,492	917	2,822	3.4
1966 .....	25,360	98,677	2,165	8,424	8.5	29,884	88,677	1,024	3,039	3.4
1967 .....	26,733	102,034	2,087	7,966	7.8	31,142	90,267	1,150	3,333	3.7
1968 .....	32,970	123,947	2,446	9,195	7.4	33,953	96,457	1,362	3,869	4.0
1969 .....	35,863	130,887	2,734	9,978	7.6	37,462	102,355	1,509	4,123	4.0
1970 .....	39,756	137,090	2,546	8,779	6.4	42,590	110,052	1,816	4,693	4.3
1971 .....	45,516	150,715	2,937	9,725	6.5	43,492	107,653	1,692	4,188	3.9
1972 .....	55,290	172,781	3,632	11,350	6.6	48,887	117,235	2,038	4,887	4.2
1973 .....	69,024	194,434	4,468	12,586	6.5	70,246	149,142	3,006	6,382	4.3
1974 .....	100,140	198,690	4,778	9,480	4.8	97,144	172,547	4,165	7,398	4.3
1975 .....	96,477	178,331	4,141	7,654	4.3	106,102	170,857	4,088	6,583	3.9
1976 .....	121,121	217,452	5,590	10,036	4.6	113,319	174,875	4,695	7,245	4.1
1977 .....	147,976	247,452	6,720	11,237	4.5	117,926	173,421	4,664	6,859	4.0
1978 .....	172,912	262,784	8,028	12,201	4.6	141,126	193,854	4,963	6,817	3.5
1979 .....	205,850	266,991	9,181	11,908	4.5	178,591	218,862	6,854	8,400	3.8
1980 .....	239,943	249,941	8,648	9,008	3.6	216,592	240,124	8,516	9,441	3.9
1981 .....	259,012	254,933	9,042	8,900	3.5	228,961	234,832	7,925	8,128	3.5
1982 .....	242,340	242,340	8,382	8,382	3.5	207,158	207,158	7,151	7,151	3.5
1983 .....	256,680	263,532	10,067	10,336	3.9	195,969	193,454	7,044	6,954	3.6
1984 .....	322,949	332,594	12,235	12,600	3.8	212,056	205,481	7,210	6,986	3.4
1985 .....	343,067	360,364	12,539	13,171	3.7	206,926	204,877	6,699	6,633	3.2
1986 .....	368,251	393,011	13,271	14,163	3.6	206,628	207,042	7,692	7,707	3.7
1987 .....	402,084	406,145	15,268	15,422	3.8	244,417	245,645	9,940	9,990	4.1
1988 <sup>5</sup> .....	437,475	425,974	16,749	16,309	3.8	310,333	300,419	12,782	12,374	4.1

<sup>1</sup>Imports for consumption. Customs value which is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges.

<sup>2</sup>Value (free alongside ship) at U.S. ports of export, based on the transaction price, including inland freight, insurance, and other charges.

<sup>3</sup>Timber products as a percent of all commodities.

<sup>4</sup>Converted to 1982 dollars by dividing current dollars by the implicit price deflators for gross national product for imports and exports.

<sup>5</sup>Preliminary.

NOTE: Includes revisions for the years 1964-79 and 1984-88.

Sources: U.S. Department of Commerce, of the Census (52, 53); U.S. Council of Economic Advisers (29).

Table 13.—Foreign exchange rates by selected country and year, 1970-88

[Currency units per dollar]

Country	Currency	1988	1987	1985	1980	1975	1970
North America							
Canada	Dollar	1.2306	1.3259	1.3658	1.1693	1.0173	1.0438
Asia							
China, PR	Yuan	3.7314	3.7314	2.9434	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Hong Kong	Dollar	7.8071	7.7985	7.7911	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
India	Rupee	13.899	12.943	12.332	7.8866	8.3854	7.5569
Japan	Yen	128.17	144.60	238.47	226.63	296.69	358.1662
Malaysia	Ringgit	2.6189	2.5185	2.4806	2.1767	2.3950	3.0868
Singapore	Dollar	2.0132	2.1059	2.2008	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Korea	Won	734.51	825.93	861.89	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Sri Lanka	Rupee	31.847	29.471	27.187	16.167	6.952	5.962
Taiwan	Dollar	28.636	31.756	39.889	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Thailand	Baht	25.312	25.774	27.193	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Africa							
South Africa	Rand	2.1900	2.0385	2.2343	.7780	.7328	.7182
Europe							
Austria	Schilling	12.357	12.649	20.676	12.945	17.401	25.867
Belgium	Franc	36.783	37.357	59.336	29.237	36.694	49.655
Denmark	Krone	6.7411	6.8477	10.598	5.6345	5.7351	7.4995
Finland	Markka	4.1933	4.4036	6.1971	3.7206	3.6651	4.2119
France	Franc	5.9594	6.0121	8.9799	4.2250	4.2819	5.5288
Germany	Deutsche mark	1.7569	1.7981	2.9419	1.8175	2.4553	3.6464
Greece	Drachma	142.00	135.47	138.40	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Ireland	Punt <sup>2</sup>	152.49	148.79	106.62	205.77	222.16	239.59
Italy	Lira	1302.39	1297.03	1908.90	856.20	652.40	627.35
Netherlands	Guilder	1.9778	2.0263	3.3184	1.9875	2.5232	3.6165
Norway	Krone	6.5242	6.7408	8.5933	4.9381	5.2137	7.1471
Portugal	Escudo	144.26	141.20	172.070	50.082	25.454	28.589
Spain	Peseta	116.52	123.54	169.98	71.758	57.393	70.028
Sweden	Krona	6.1369	6.3468	8.6031	4.2309	4.1424	5.1962
Switzerland	Franc	1.4642	1.4918	2.4551	1.6772	2.5811	4.3106
United Kingdom	Pound <sup>2</sup>	178.13	163.98	129.74	232.58	222.16	239.59
Other							
Australia	Dollar <sup>2</sup>	78.408	70.136	70.026	114.00	130.77	111.36
New Zealand	do <sup>2</sup>	65.558	59.327	49.752	97.34	121.16	111.48
Index:							
United States	Dollar <sup>3</sup>	92.72	96.94	143.01	87.39	98.50	121.07

<sup>1</sup>Not available.

<sup>2</sup>Value in U.S. cents.

<sup>3</sup>Index (March 1973=100) of the geometric weighted average of the exchange value of the U.S. dollar against the currencies of Belgium, Canada, France, Germany, Italy, Japan, the Netherlands, Sweden, Switzerland, and the United Kingdom. Weights are the 1972-76 average total trade shares of each of the 10 countries.

Source: U.S. Federal Reserve System, Board of Governors (64).

Table 14.—Miscellaneous product prices, by selected item, State and year, 1975-88

Product	Unit of measure	1988	1987	1986	1985	1984	1980	1975
Box and excelsior bolts (peeled)								
Aspen								
Wisconsin <sup>1</sup>								
4 feet x 4 feet x								
96-100 inches	Dollars per cord	50.00-	50.00- 61.50	31.50-	50.00-	32.50- 50.00	44.50- 52.50	.....
Charcoal timber (unpeeled) <sup>2</sup>								
Mixed species								
Ohio <sup>3</sup>	Dollars per ton	18.25	17.10	16.70	16.47	15.45	14.87	9.04
Cooperage								
White oak								
Illinois <sup>4</sup>	Dollars per M board feet	311.00	300.00	260.00	268.00	238.00	289.00	.....
Ohio <sup>5</sup>	do	.....	254.00	.....	224.00	224.00	246.00	133.00
Fuelwood								
Mixed hardwoods								
New Hampshire <sup>6</sup>								
12, 14, and 16-foot	Dollars per standard cord	85.00-130.00	85.00-130.00	75.00-120.00	75.00-110.00	65.00- 95.00+	65.00- 95.00+	20.00- 55.00
lengths	do	30.00- 91.00	35.00- 85.00	22.50- 78.00	27.00- 80.00	18.00-125.00	34.00-121.00	.....
Wisconsin <sup>7</sup>								
Handle stock								
Ash								
Ohio <sup>5</sup>	Dollars per M board feet	.....	.....	.....	275.50	140.00	276.00	158.00
All grades								
Poles (bark)								
Southern pine								
Louisiana <sup>8</sup>								
30-foot	Dollars each	15.80- 6.70	13.00- 17.00	11.30- 14.30	9.70- 14.30	9.50- 13.50	10.60- 14.00	5.60- 8.90
50-foot	do	58.60- 43.00	40.00- 50.70	43.20- 57.40	38.00- 51.10	37.50- 49.10	44.70- 51.40	26.80- 37.30
60-foot	do	.....	62.50- 71.50	54.50- 63.50	- 78.00	- 65.50	69.10- 78.30	45.20- 51.80
Posts (peeled)								
Pine and/or white cedar								
Wisconsin <sup>9</sup>								
6 inches x 8 feet	do	10 <sup>9</sup> 2.78-	.....	.....	1.68-	1.68-	1.20- 2.50	.....

<sup>1</sup>Delivered to mill.<sup>2</sup>Pulpwood, charcoal, and ferro-alloy timber.<sup>3</sup>Delivered to buyers, f.o.b. car or mill.<sup>4</sup>F.o.b. mill.<sup>5</sup>Delivered to buyers. International 1/4-inch log rule.<sup>6</sup>Delivered to buyers' premises.<sup>7</sup>Delivery charges to final consumer may or may not be included.<sup>8</sup>F.o.b. plant or concentration point. 30-foot, class 7 and 5; 50-foot, class 4 and 2;<sup>9</sup>60-foot, class 3 and 2.<sup>10</sup>Delivered to yard.<sup>11</sup>Price for red pine posts.

Sources: University of Wisconsin, Forestry Department (70); Ohio Department of Agriculture, Crop Reporting Service, Division of Markets (20); Illinois Cooperative Crop Reporting Service (10); University of New Hampshire, Cooperative Extension Service and New Hampshire Department of Resources and Economic Development (18); and Louisiana Department of Agriculture, Office of Marketing (12).

Table 15.—Log imports by major species, 1960-88

[Million board feet, log scale]

Year	Total	Softwoods	Hardwoods				
			Total	Mahogany	Philippine mahogany or lauan	Birch and maple	Other
1960 .....	112.5	32.3	80.2	25.2	16.8	.....	38.3
1961 .....	105.7	57.1	48.6	15.5	9.1	.....	24.0
1962 .....	100.1	38.1	62.1	16.6	15.4	.....	30.1
1963 .....	97.9	44.1	53.9	13.7	8.7	1.8	29.7
1964 .....	63.4	8.7	54.7	16.1	7.5	6.9	24.2
1965 .....	68.1	13.5	54.6	12.8	11.0	6.2	24.7
1966 .....	95.6	42.5	53.1	16.1	2.8	6.3	27.9
1967 .....	76.9	33.9	43.1	10.5	4.6	6.6	21.4
1968 .....	79.0	33.1	45.9	8.5	1.9	6.5	28.9
1969 .....	81.8	41.7	40.2	6.5	3.1	7.6	22.9
1970 .....	144.4	106.5	37.9	6.8	.7	8.2	22.2
1971 .....	84.0	55.7	28.3	3.3	.2	8.7	16.1
1972 .....	39.3	11.3	28.0	3.6	.7	7.9	15.8
1973 .....	33.5	8.5	25.0	2.1	3.2	9.2	10.6
1974 .....	76.6	45.6	31.0	3.4	.9	12.3	14.4
1975 .....	85.5	68.5	17.0	1.6	.3	7.2	7.8
1976 .....	81.6	67.4	14.2	1.2	.6	8.7	3.7
1977 .....	154.6	139.5	15.0	2.4	.5	8.9	3.2
1978 .....	96.9	79.1	17.8	1.5	( <sup>1</sup> )	9.1	7.2
1979 .....	132.9	118.4	14.6	1.1	.3	8.4	4.8
1980 .....	127.5	114.1	13.4	1.0	( <sup>1</sup> )	7.4	5.0
1981 .....	101.1	87.6	13.5	.6	.....	8.7	4.3
1982 .....	117.0	98.8	18.3	.8	( <sup>1</sup> )	10.2	7.3
1983 .....	165.0	142.5	22.5	.3	.3	5.1	16.9
1984 .....	146.9	116.8	30.1	.5	.3	4.4	24.9
1985 .....	99.2	70.8	28.4	.3	.3	2.9	24.9
1986 .....	78.5	52.1	26.4	1.3	1.6	3.0	20.5
1987 .....	82.5	68.7	13.8	.3	.3	3.8	9.5
1988 <sup>2</sup> .....	68.1	55.9	12.2	1.7	.....	3.8	6.7

<sup>1</sup>Less than 50,000 board feet.

<sup>2</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (53).



Table 16.—Log imports by major region of origin, 1960-88

[Million board feet, log scale]

Year	Total	Canada	Mexico and Central America <sup>1</sup>	South America	Africa	Asia	Other <sup>2</sup>
1960 .....	112.5	39.2	5.5	19.8	27.4	19.9	0.7
1961 .....	105.7	62.5	7.0	13.3	12.7	9.7	.6
1962 .....	100.1	42.6	8.8	21.9	10.9	15.6	.3
1963 .....	97.9	51.5	3.5	20.3	13.5	8.8	.3
1964 .....	63.4	16.4	4.6	16.7	17.5	7.8	.4
1965 .....	68.1	20.3	3.4	18.0	14.1	11.7	.6
1966 .....	95.6	49.4	3.7	21.3	17.4	3.6	.3
1967 .....	76.9	40.6	3.0	18.3	9.7	4.9	.3
1968 .....	79.0	39.9	3.1	26.8	6.8	2.1	.3
1969 .....	81.8	49.5	2.1	18.3	8.3	3.5	.2
1970 .....	144.4	114.9	2.3	17.6	8.3	1.0	.3
1971 .....	84.0	64.6	2.2	13.1	3.2	.9	( <sup>3</sup> )
1972 .....	39.3	17.3	2.6	13.9	3.8	1.4	.3
1973 .....	33.5	17.8	3.0	2.9	4.8	4.8	.2
1974 .....	76.6	57.0	.....	1.3	4.0	9.1	5.1
1975 .....	85.5	80.3	.3	.....	1.4	.1	3.4
1976 .....	81.6	78.0	.....	.....	1.3	.7	1.5
1977 .....	154.6	150.5	.....	.....	2.5	.6	.9
1978 .....	96.9	85.9	.4	5.5	4.1	.5	.5
1979 .....	132.9	111.2	.2	17.4	1.5	1.1	1.7
1980 .....	127.5	124.2	.2	( <sup>3</sup> )	1.3	.2	1.6
1981 .....	101.1	99.4	.4	( <sup>3</sup> )	.7	.6	.1
1982 .....	117.0	115.4	.2	.1	.9	.4	( <sup>3</sup> )
1983 .....	165.0	161.5	1.0	.1	.3	1.7	.3
1984 .....	146.9	143.1	.2	.1	.7	1.8	1.0
1985 .....	99.2	81.1	.1	.5	3.2	13.9	.4
1986 .....	78.5	61.1	.1	.2	1.2	5.4	10.6
1987 .....	82.5	75.6	.2	.2	.3	2.1	4.2
1988 <sup>4</sup> .....	68.1	62.6	.4	.2	1.4	2.6	.8

<sup>1</sup>Includes the West Indies.

<sup>2</sup>For the years 1974-77, all imports with a value of less than \$500 are included in "Other."

<sup>3</sup>Less than 50,000 board feet.

<sup>4</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of Census (53).

Table 17.—Log exports by major species, 1960-88

[Million board feet, Scribner log scale]

Year	Total	Softwoods					Hardwoods		
		Total	Douglas-fir	Port-Orford cedar	Western hemlock	Other	Total	Walnut	Other
1960 .....	266.3	210.3	27.5	37.2	145.6		56.0	10.2	45.9
1961 .....	481.8	432.2	66.8	61.2	304.2		49.5	7.2	42.4
1962 .....	522.2	452.7	48.1	41.5	363.1		69.5	10.3	59.2
1963 .....	951.3	879.6	71.6	63.9	744.1		71.8	16.5	55.3
1964 .....	1,088.1	1,025.8	97.8	37.0	891.0		62.2	9.7	52.6
1965 .....	1,195.0	1,113.6	111.3	39.1	963.2		81.4	23.6	57.9
1966 .....	1,391.2	1,315.7	130.5	41.2	1,144.0		75.5	12.5	63.0
1967 .....	1,972.1	1,875.1	269.5	34.6	1,570.9		97.0	16.1	80.9
1968 .....	2,568.1	2,473.2	396.5	38.4	2,038.3		94.9	21.8	73.0
1969 .....	2,396.5	2,316.3	380.6	40.7	1,895.1		80.2	20.6	59.5
1970 .....	2,740.9	2,672.0	487.0	54.1	1,436.7	694.2	68.9	17.4	51.5
1971 .....	2,288.8	2,229.8	444.5	40.2	1,214.8	530.3	59.0	12.9	46.2
1972 .....	3,141.4	3,047.5	766.5	46.1	1,450.7	784.2	93.9	15.5	78.4
1973 .....	3,366.1	3,252.2	973.0	29.7	1,469.0	780.4	113.9	15.7	98.2
1974 .....	2,642.4	2,523.7	752.7	35.6	1,244.6	490.8	118.7	7.8	110.8
1975 .....	2,666.9	2,600.6	820.4	38.7	1,169.5	571.9	66.3	8.5	57.8
1976 .....	3,249.9	3,155.7	1,022.4	38.4	1,365.7	729.1	94.3	7.4	86.9
1977 .....	3,069.6	2,980.0	1,007.2	20.7	1,306.8	645.3	89.7	7.6	82.0
1978 .....	3,409.2	3,298.4	1,192.2	29.2	1,443.6	633.4	110.8	8.8	102.0
1979 .....	3,896.8	3,768.2	1,351.0	24.6	1,593.7	799.0	128.5	6.8	121.7
1980 .....	3,260.9	3,109.1	1,272.4	14.0	1,183.1	639.6	151.8	9.4	142.4
1981 .....	2,488.6	2,377.1	1,026.9	16.9	867.5	465.8	111.5	6.2	105.3
1982 .....	3,208.1	3,115.0	1,446.5	12.4	1,124.9	531.2	93.2	4.7	88.4
1983 .....	3,307.3	3,195.8	1,421.6	9.5	1,147.5	617.3	111.5	4.6	106.9
1984 .....	3,494.9	3,369.4	1,588.5	13.0	1,120.0	647.9	125.6	5.5	120.0
1985 .....	3,843.2	3,732.0	1,785.5	14.8	1,304.7	626.9	111.2	5.5	105.7
1986 .....	3,627.4	3,488.5	1,615.6	12.8	1,235.2	624.9	138.9	5.6	133.3
1987 .....	4,109.8	3,960.5	1,864.8	12.7	1,385.3	697.7	149.3	6.2	143.1
1988 <sup>1</sup> .....	4,798.1	4,594.4	2,311.2	19.8	1,435.5	827.9	203.7	8.0	195.7

<sup>1</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (52).

Table 18.—Log exports by major region of destination, 1960-88

[Million board feet, Scribner log scale]

Year	Total	Canada	Western Europe	Japan	Korea	China, Mainland	Other
1960 .....	266.3	150.7	15.9	98.6	( <sup>1</sup> )	.....	1.1
1961 .....	481.8	99.6	16.3	364.8	0.1	.....	1.0
1962 .....	522.2	167.3	24.8	329.0	.4	.....	.8
1963 .....	951.3	209.3	32.2	691.1	17.6	.....	1.2
1964 .....	1,088.1	291.6	17.2	755.9	21.6	.....	1.8
1965 .....	1,195.0	355.1	29.4	804.4	2.8	.....	3.4
1966 .....	1,391.2	266.1	17.2	1,081.4	25.2	.....	1.3
1967 .....	1,972.1	335.5	20.5	1,585.5	29.9	.....	.7
1968 .....	2,568.1	341.8	28.7	2,119.2	75.1	.....	3.3
1969 .....	2,396.5	324.6	29.6	2,007.3	32.2	.....	2.9
1970 .....	2,740.9	291.8	23.1	2,366.1	48.2	.....	11.7
1971 .....	2,288.8	339.9	20.5	1,847.1	73.9	.....	7.4
1972 .....	3,141.4	519.1	31.9	2,528.0	53.8	.....	8.7
1973 .....	3,366.1	417.8	41.5	2,779.5	113.7	.....	13.5
1974 .....	2,642.4	332.3	39.1	2,114.2	149.2	.....	7.5
1975 .....	2,666.9	277.6	35.3	2,256.4	86.4	.....	11.2
1976 .....	3,249.9	362.5	48.6	2,675.1	150.5	.....	13.2
1977 .....	3,069.6	350.0	46.0	2,460.1	203.3	.....	10.3
1978 .....	3,409.2	368.5	57.5	2,646.1	321.8	.....	15.5
1979 .....	3,896.8	407.6	65.4	3,149.1	258.9	.....	15.9
1980 .....	3,260.9	317.8	90.4	2,544.2	201.7	87.8	19.0
1981 .....	2,488.6	247.4	56.1	1,774.2	151.6	222.4	37.0
1982 .....	3,208.1	302.5	47.8	1,978.7	277.7	547.0	54.4
1983 .....	3,307.3	347.1	57.4	1,883.2	320.9	723.2	25.5
1984 .....	3,494.9	421.2	52.6	1,759.8	289.1	866.6	105.7
1985 .....	3,843.2	445.4	40.9	1,899.1	327.5	1,069.0	61.3
1986 .....	3,627.4	442.9	80.4	2,076.8	364.5	615.4	47.4
1987 .....	4,109.8	421.4	119.8	2,397.2	492.5	579.3	99.7
1988 <sup>2</sup> .....	4,798.1	378.9	115.4	2,415.6	612.0	1,121.4	154.9

<sup>1</sup>Less than 50,000 board feet.

<sup>2</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (52).

Table 19.—Average stumpage prices for sawtimber sold from National Forests, by selected species, 1960-88  
[Dollars per thousand board feet]

Year and quarter	Softwoods						Hardwoods					
	Douglas-fir <sup>1</sup>		Southern pine <sup>2</sup>		Ponderosa pine <sup>3</sup>		Western hemlock <sup>4</sup>		All eastern hardwoods <sup>5</sup>		Oak, white, red, and black <sup>5</sup>	
	Current dollars	1982 dollars <sup>7</sup>	Current dollars	1982 dollars <sup>7</sup>	Current dollars	1982 dollars <sup>7</sup>	Current dollars	1982 dollars <sup>7</sup>	Current dollars	1982 dollars <sup>7</sup>	Current dollars	1982 dollars <sup>6</sup>
1960	32.00	100.90	34.50	108.80	19.10	60.30	10.50	33.10	22.80	71.90	23.40	....
1961	27.60	87.30	26.80	84.80	12.10	38.30	9.70	30.70	18.00	57.00	15.70	....
1962	24.80	78.20	26.00	82.00	16.10	50.80	8.90	28.10	18.60	58.70	17.00	....
1963	25.10	77.90	25.10	79.40	15.80	50.00	10.40	32.90	21.50	68.00	15.70	....
1964	38.10	120.60	27.80	88.00	19.00	60.10	13.30	42.10	22.50	57.00	18.00	....
1965	42.60	131.90	31.70	98.10	19.80	61.30	19.10	59.10	25.00	77.40	21.30	....
1966	50.00	150.20	38.60	115.90	19.80	66.50	20.50	61.60	29.30	88.00	23.20	....
1967	41.70	124.90	38.30	114.70	22.20	66.50	21.80	65.30	27.00	80.80	16.80	....
1968	61.20	178.90	42.20	123.40	30.20	88.30	35.60	104.10	23.60	69.00	17.30	....
1969	82.20	230.90	51.70	145.20	71.00	199.40	45.10	126.70	30.20	84.80	28.20	....
1970	41.90	113.60	44.10	119.50	32.10	87.00	20.50	55.60	26.90	72.90	26.60	....
1971	49.00	128.60	52.20	137.00	37.60	98.70	20.60	54.10	24.60	64.60	21.20	....
1972	71.70	180.20	65.60	164.80	65.80	165.30	49.00	123.10	34.30	86.20	26.60	....
1973	138.10	306.90	93.40	207.60	92.30	205.10	99.20	220.40	46.00	102.20	43.60	208.00
1974	202.40	378.30	76.20	142.40	100.60	188.00	110.80	207.10	45.90	85.80	54.70	141.90
1975	169.50	290.20	57.00	97.60	71.20	121.90	68.80	117.80	33.90	58.00	29.70	42.10
1976	176.20	288.40	87.00	142.40	101.80	166.60	79.70	130.40	34.90	57.10	43.40	71.00
1977	225.90	348.10	100.30	154.50	131.40	202.50	89.30	137.60	37.90	58.40	60.00	92.40
1978	250.30	358.10	134.50	192.40	164.70	235.60	113.60	162.50	56.40	56.40	70.80	71.10
1979	394.40	501.10	155.20	197.20	239.00	303.70	200.80	255.10	60.10	59.30	87.90	86.60
1980	432.20	481.30	155.40	173.10	206.10	229.50	212.70	236.90	90.10	86.90	145.00	80.50
1981	350.20	357.30	172.00	175.50	199.20	199.20	163.40	166.70	52.40	58.40	65.60	70.10
1982	118.20	127.20	127.20	127.20	66.90	66.90	44.50	44.50	50.90	51.90	63.20	69.20
1983	159.50	159.50	140.60	138.80	104.00	102.70	62.20	61.40	56.40	56.40	70.80	71.10
1984	132.90	128.20	139.40	134.40	122.70	118.30	61.80	59.60	60.10	59.30	86.80	86.60
1985	126.20	122.30	90.70	87.90	101.40	98.30	50.50	48.90	90.10	86.90	145.00	80.50
1986	160.70	160.40	103.60	103.40	156.60	156.30	74.70	74.60	65.40	63.40	94.50	70.00
1987	190.20	185.00	135.70	132.00	209.30	203.60	105.40	102.50	69.90	69.80	108.10	66.20
1st quarter	181.10	179.50	127.30	126.20	198.10	196.30	81.30	80.60	88.10	85.70	146.80	80.50
2d quarter	178.20	173.90	131.80	128.60	238.50	232.70	96.90	94.50	77.50	76.80	148.80	80.50
3d quarter	194.50	187.60	141.00	136.00	208.90	201.40	117.80	113.60	103.60	101.10	165.50	75.30
4th quarter	227.60	218.40	144.10	138.30	180.00	172.70	141.30	135.60	91.70	88.40	196.60	96.90
1988	256.00	239.50	141.90	132.70	182.10	170.30	162.90	152.40	73.80	70.80	107.90	76.00
1st quarter	253.10	241.50	151.20	144.30	185.20	176.70	143.40	136.80	151.30	141.50	146.30	108.40
2d quarter	266.00	249.80	146.50	137.60	157.10	147.50	175.00	164.30	81.50	77.80	106.30	101.40
3d quarter	232.70	215.50	130.90	121.20	171.30	158.60	156.50	144.90	205.90	193.30	147.70	105.40
4th quarter	284.80	262.50	140.80	129.80	270.30	249.10	173.00	159.40	133.70	123.80	173.30	128.50
									175.40	161.70	135.30	89.20

<sup>1</sup>Western Washington and western Oregon.

<sup>2</sup>Southern Region.

<sup>3</sup>Pacific Southwest Region (prior to January 1979 called the California Region). Includes Jeffrey pine.

<sup>4</sup>Pacific Northwest Region.

<sup>5</sup>Eastern and Southern regions.

<sup>6</sup>Eastern Region.

<sup>7</sup>Derived by dividing the price in current dollars by the Bureau of Labor Statistics producer price index for all commodities (1982=100).

NOTE: Forest Service National Forest prices in this table are for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International 1/4-inch log rule is used. Prices include KV payments and exclude timber sold by land exchanges and from land utilization project lands. Data for the years 1960-83 are statistical high bid prices; beginning in 1984, data are high bid prices which include specified road costs. Source: U.S. Department of Agriculture, Forest Service (40). Data for 1910-49 in *The demand and price situation for forest products, 1964*, table 5 (31).



Table 20.—Volume and value of sawtimber stumpage sold from National Forests, by selected species and region, 1988<sup>1</sup>

Species and region <sup>2</sup>	Volume <sup>3</sup>	Value <sup>4</sup>	Average price per M bd. ft.	Species and region <sup>2</sup>	Volume <sup>3</sup>	Value <sup>4</sup>	Average price per M bd. ft.
	Thousand board feet	Thousand dollars	Dollars		Thousand board feet	Thousand dollars	Dollars
SOFTWOODS, western				Not specified:			
Cedar:				Rocky Mountain .....	8,362	368.6	44.08
Alaska cedar:				Southwestern .....	15,296	365.8	23.92
Pacific Northwest ...	1,837	792.0	431.14	Pacific Southwest ...	523,179	36,040.8	68.89
Alaska .....	661	272.9	412.89	Pacific Northwest ...	48,538	7,813.0	160.96
Total .....	2,498	1,064.9	426.31	Total .....	595,375	44,588.2	74.89
Incense cedar:				Hemlock:			
Pacific Southwest ...	72,196	8,519.8	118.01	Mountain hemlock:			
Pacific Northwest ...	12,891	1,372.5	106.47	Northern .....	560	14.6	26.01
Total .....	85,087	9,892.3	116.26	Pacific Northwest ...	11,476	1,516.2	132.12
Port-Orford cedar:				Total .....	12,036	1,530.8	127.18
Pacific Southwest ...	3,640	5,957.7	1,636.65	Western hemlock:			
Pacific Northwest ...	7,607	9,079.7	1,193.59	Northern .....	22,865	1,719.7	75.21
Total .....	11,247	15,037.4	1,336.99	Pacific Northwest ...	330,541	53,842.9	162.89
Western redcedar:				Alaska .....	10,818	326.2	30.15
Northern .....	50,648	4,660.5	92.02	Total .....	364,224	55,888.8	153.45
Pacific Northwest ...	76,703	14,424.8	188.06	Larch:			
Alaska .....	631	85.3	135.07	Northern .....	92,153	5,955.5	64.63
Total .....	127,982	19,170.6	149.79	Pacific Northwest ...	66,308	5,353.4	80.74
Douglas-fir:				Total .....	158,461	11,309.0	71.37
East side:				Pine:			
Northern .....	154,927	8,919.1	57.57	Lodgepole pine:			
Rocky Mountain .....	3,148	136.3	43.31	Northern .....	172,986	9,170.4	53.01
Southwestern .....	37,806	743.0	19.65	Rocky Mountain .....	44,561	1,910.6	42.87
Intermountain .....	67,524	3,622.6	53.65	Intermountain .....	43,960	1,142.8	26.00
Pacific Northwest ...	289,044	24,139.7	83.52	Pacific Southwest ...	3,735	161.3	43.20
Total .....	552,449	37,560.7	67.99	Pacific Northwest ...	136,398	5,507.4	40.38
West side:				Total .....	401,640	17,892.5	44.55
Pacific Southwest ...	529,015	50,593.2	95.64	Ponderosa pine:			
Pacific Northwest ...	1,790,538	458,448.8	256.04	Northern .....	40,390	3,607.4	89.31
Total .....	2,319,553	509,041.9	219.46	Rocky Mountain .....	140,437	10,312.0	73.43
Fir:				Southwestern .....	284,517	21,570.3	75.81
Grand fir:				Intermountain <sup>5</sup> .....	83,551	14,003.4	167.60
Northern .....	124,721	8,056.1	64.59	Pacific Southwest <sup>5</sup> ...	531,943	96,886.6	182.14
Intermountain .....	20,583	1,578.3	76.68	Pacific Northwest ...	643,546	190,134.8	295.45
Pacific Northwest ...	50,325	5,129.7	101.93	Total .....	1,724,384	336,514.5	195.15
Total .....	195,629	14,764.1	75.47	Sugar pine:			
Noble fir:				Pacific Southwest ...	218,921	57,014.6	260.43
Pacific Northwest ...	27,722	3,652.1	131.74	Pacific Northwest ...	39,436	9,999.0	253.55
Shasta fir:				Total .....	258,357	67,013.6	259.38
Pacific Northwest ...	22,007	3,021.8	137.31	Western white pine:			
Subalpine fir:				Northern .....	24,151	2,065.1	85.51
Northern .....	22,394	1,386.1	61.89	Pacific Northwest ...	10,917	2,585.5	236.83
Rocky Mountain .....	1,895	53.8	28.40	Total .....	35,068	4,650.6	132.62
Intermountain .....	2,623	87.0	33.17	Spruce:			
Pacific Northwest ...	7,627	450.4	59.05	Black, red, and white spruce:			
Total .....	34,539	1,977.3	57.25	Intermountain .....	514	16.1	31.25
White fir:				Alaska .....	639	9.9	15.50
Intermountain .....	11,928	710.3	59.54	Total .....	1,153	26.0	22.52
Pacific Northwest ...	300,557	23,217.2	77.25				
Total .....	312,485	23,927.5	76.57				

See footnotes at end of table.



Table 20.—Volume and value of sawtimber stumpage sold from National Forests, by selected species and region, 1988<sup>1</sup>—Continued

Species and region <sup>2</sup>	Volume <sup>3</sup>	Value <sup>4</sup>	Average price per M bd. ft.	Species and region <sup>2</sup>	Volume <sup>3</sup>	Value <sup>4</sup>	Average price per M bd. ft.
	Thousand board feet	Thousand dollars	Dollars		Thousand board feet	Thousand dollars	Dollars
Engelmann spruce:				Softwoods not specified by species:			
Northern .....	42,249	2,744.9	64.97	Southern .....	4,396	97.6	22.20
Rocky Mountain .....	66,239	3,217.4	48.57	Eastern .....	2,026	82.7	40.81
Southwestern .....	9,243	316.2	34.21	Total .....	6,422	180.3	28.07
Intermountain .....	23,358	1,812.5	77.60				
Pacific Northwest ..	39,222	2,036.3	51.92	Total, eastern softwoods ...	616,461	81,247.1	131.80
Total .....	180,311	10,127.4	56.17	Total, softwoods .....	8,539,686	1,334,046.2	156.22
Sitka spruce:				HARDWOODS, western			
Pacific Northwest ...	10,231	1,005.6	98.28	Aspen:			
Alaska .....	5,237	813.4	155.34	Rocky Mountain .....	4,411	59.8	13.55
Total .....	15,468	1,819.0	117.60	Southwestern .....	2,020	2.0	1.00
Softwoods not specified by species:				Intermountain .....	669	14.7	21.97
Northern .....	87,665	4,483.8	51.15	Total .....	7,100	76.5	10.77
Rocky Mountain .....	12,507	172.5	13.79	Hardwoods not specified by species:			
Intermountain .....	44,821	587.7	13.11	Pacific Southwest ...	559	3.2	5.81
Pacific Southwest ...	-3,259	-164.1	---	Other .....	268	4.5	12.61
Pacific Northwest ...	343,808	57,248.3	166.51	Total .....	827	7.7	8.45
Other .....	8	.2	21.91	Total, western hardwoods .	7,927	84.2	10.51
Total .....	485,550	62,328.3	128.37	HARDWOODS, eastern			
Total, western softwoods ..	7,923,225	1,252,799.1	158.12	Ash:			
SFTWOODS, eastern				Eastern .....	2,391	535.4	223.90
Fir:				Aspen:			
Not specified:				Eastern .....	15,452	288.6	18.68
Eastern .....	993	22.1	22.26	Basswood:			
Hemlock:				Eastern .....	1,398	51.2	36.88
Eastern hemlock:				Beech:			
Southern .....	872	43.7	50.15	Eastern .....	2,368	39.9	16.84
Pine:				Birch:			
Eastern white pine:				Paper birch:			
Southern .....	8,964	513.9	57.32	Eastern .....	2,878	132.5	46.05
Eastern .....	3,331	362.7	108.90	Yellow birch:			
Total .....	12,295	876.6	71.30	Eastern .....	5,369	626.0	116.59
Jack pine:				Cherry:			
Eastern .....	1,989	41.3	20.75	Black cherry:			
Red pine:				Eastern .....	32,684	21,133.1	646.60
Eastern .....	5,143	374.0	72.73	Maple:			
Red and eastern white pine:				Red maple:			
Eastern .....	6,317	345.6	54.71	Eastern .....	8,881	489.4	55.11
Southern pine:				Sugar maple:			
Southern .....	543,941	77,207.9	141.94	Eastern .....	15,523	1,682.1	108.37
Eastern .....	12,614	810.5	64.25	Not specified: .....			
Total .....	556,555	78,018.4	140.18	Eastern .....	1,504	90.4	60.07
Not specified:							
Eastern .....	20,101	1,172.0	58.31				
Spruce:							
Black, red, and white spruce:							
Eastern .....	5,774	173.0	29.96				

See footnotes at end of table.

Table 20.—Volume and value of sawtimber stumpage sold from National Forests, by selected species and region, 1988<sup>1</sup>—Continued

Species and region <sup>2</sup>	Volume <sup>3</sup>	Value <sup>4</sup>	Average price per M bd. ft.	Species and region <sup>2</sup>	Volume <sup>3</sup>	Value <sup>4</sup>	Average price per M bd. ft.
	Thousand board feet	Thousand dollars	Dollars		Thousand board feet	Thousand dollars	Dollars
Oak:				Poplar:			
Chestnut oak:				Yellow-poplar:			
Eastern .....	1,092	45.7	41.82	Southern .....	1,078	73.3	67.94
Red and black oak:				Eastern .....	2,374	124.8	52.39
Southern .....	11,844	1,599.1	135.01	Total .....	3,452	198.1	57.39
Eastern .....	6,494	1,689.0	260.11	Yellow-poplar, basswood, and cucumber:			
Total .....	18,338	3,288.1	179.30	Southern .....	18,568	980.4	52.80
White oak:				Hardwoods not specified by species:			
Southern .....	8,670	714.2	82.38	Southern .....	25,272	1,217.8	48.19
Eastern .....	2,243	278.0	123.92	Eastern .....	20,389	1,267.3	62.16
Total .....	10,913	992.2	90.92	Total .....	45,661	2,485.2	54.43
Not specified:				Total, eastern hardwoods	243,358	36,812.7	151.27
Southern .....	22,640	1,193.9	52.73	Total, hardwoods .....	251,285	36,896.9	146.83
Eastern .....	34,255	2,560.6	74.75	Total, softwoods and hardwoods .....	8,790,971	1,370,943.1	155.95
Total .....	56,895	3,754.5	65.99				

<sup>1</sup>Excludes pulpwood and miscellaneous products; also excludes timber sold by land exchanges and from land utilization project lands.

<sup>2</sup>Administrative regions of the Forest Service.

<sup>3</sup>Scribner Decimal C log rule except in the Northeastern States where International 1/4-inch log rule is used.

<sup>4</sup>High bid prices which include specified road costs; prices also include KV payments.

<sup>5</sup>Includes small amounts of Jeffrey pine.

NOTE: Data may not add to totals because of rounding. The stumpage prices shown in this table do not necessarily indicate values for any specific tract of public or private timber. Prices received for individual tracts may vary widely because of differences in timber quality, degree of competition, timber accessibility, variations in special costs, methods of allocating overhead costs by species, or other factors.

Source: U.S. Department of Agriculture, Forest Service (40).

Table 21.—Average stumpage prices for sawtimber sold from private lands in Louisiana,  
by selected species, 1960-88

[Dollars per thousand board feet, Doyle log scale]

Year and quarter	Southern pine		Ash		Gums		Oaks	
	Current dollars	1982 dollars <sup>1</sup>	Current dollars	1982 dollars <sup>1</sup>	Current dollars	1982 dollars <sup>1</sup>	Current dollars	1982 dollars <sup>1</sup>
1960 .....	30.20	95.30	12.80	40.40	11.20	35.30	10.90	34.40
1961 .....	27.90	88.30	13.70	43.40	10.50	33.20	10.50	33.20
1962 .....	28.40	89.60	16.00	50.50	11.70	36.90	11.90	37.50
1963 .....	27.10	85.80	16.90	53.50	12.50	39.60	11.60	36.70
1964 .....	27.00	85.40	18.40	58.20	13.90	44.00	12.40	39.20
1965 .....	28.40	87.90	22.60	70.00	17.50	54.20	16.20	50.20
1966 .....	34.30	103.00	23.00	69.10	19.50	58.60	17.90	53.80
1967 .....	36.80	110.20	23.30	69.80	19.50	58.40	17.70	53.00
1968 .....	40.70	119.00	25.60	74.90	20.00	58.50	19.00	55.60
1969 .....	50.10	140.70	31.80	89.30	22.60	63.50	21.50	60.40
1970 .....	46.40	125.70	28.10	76.20	21.00	56.90	20.40	55.30
1971 .....	56.00	147.00	26.60	69.80	21.90	57.50	20.80	54.60
1972 .....	66.30	166.60	28.50	71.60	23.80	59.80	23.10	58.00
1973 .....	84.20	187.10	41.50	92.20	32.30	71.80	30.20	67.10
1974 .....	90.90	169.90	48.20	90.10	36.80	68.80	35.50	66.40
1975 .....	81.60	139.70	45.70	78.30	35.40	60.60	34.10	58.40
1976 .....	101.10	165.50	45.80	75.00	37.20	60.90	37.30	61.00
1977 .....	119.90	184.70	49.70	76.60	39.70	61.20	40.60	62.60
1978 .....	156.20	223.50	59.40	85.00	46.20	66.10	46.50	66.50
1979 .....	211.50	268.70	74.20	94.30	51.90	65.90	53.40	67.90
1980 .....	189.20	210.70	70.20	78.20	53.10	59.10	55.50	61.80
1981 .....	185.00	188.80	70.20	71.60	52.00	53.10	55.60	56.70
1982 .....	144.60	144.60	71.10	71.10	53.70	53.70	57.50	57.50
1983 .....	160.70	158.60	103.80	102.50	67.30	66.40	71.60	70.70
1984 .....	158.80	153.10	109.00	105.10	68.00	65.60	72.70	70.10
1985 .....	118.20	114.50	88.30	85.60	57.30	55.50	62.50	60.60
1986 .....	112.30	112.10	87.90	87.70	53.70	53.60	64.70	64.60
1987 .....	147.30	143.30	( <sup>2</sup> )	( <sup>2</sup> )	59.30	57.70	79.00	76.80
1st quarter .....	146.20	145.40	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
2d quarter .....	252.70	149.00	111.80	109.10	56.30	54.90	88.20	86.00
3d quarter .....	136.20	131.30	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	77.30	74.50
4th quarter .....	253.80	147.60	( <sup>2</sup> )	( <sup>2</sup> )	62.20	59.70	71.60	68.70
1988 .....	161.00	150.60	134.20	125.50	62.10	58.10	101.20	94.70
1st quarter .....	163.40	155.90	( <sup>2</sup> )	( <sup>2</sup> )	62.60	59.70	79.10	75.50
2d quarter .....	162.60	152.70	145.70	136.80	62.60	58.80	113.60	106.70
3d quarter .....	155.30	143.80	142.60	132.00	61.90	57.30	110.00	101.90
4th quarter .....	162.60	149.90	114.20	105.30	61.40	56.60	102.30	94.30

<sup>1</sup>Derived by dividing the price in current dollars by the Bureau of Labor Statistics producer price index for all commodities (1982=100).

<sup>2</sup>Not available.

Source: Louisiana Department of Agriculture, Office of Marketing (12).

Table 22.—Average prices for saw logs sold by private owners in Louisiana,  
by selected species, 1960-88

[Dollars per thousand board feet, Doyle log scale, f.o.b. mill]

Year and quarter	Southern pine		Ash		Gums		Oaks	
	Current dollars	1982 dollars <sup>1</sup>	Current dollars	1982 dollars <sup>1</sup>	Current dollars	1982 dollars <sup>1</sup>	Current dollars	1982 dollars <sup>1</sup>
1960 .....	51.70	163.10	41.10	129.70	38.00	119.90	36.20	114.20
1961 .....	48.80	154.40	41.20	130.40	37.00	117.10	35.00	110.80
1962 .....	47.80	150.80	44.50	140.40	39.90	125.90	37.90	119.60
1963 .....	47.60	150.60	44.30	140.20	40.00	126.60	37.90	119.90
1964 .....	48.20	152.50	46.40	146.80	41.50	131.30	39.40	124.70
1965 .....	49.50	153.30	49.80	154.20	44.70	138.40	42.80	132.50
1966 .....	55.80	167.60	53.00	159.20	49.30	148.00	46.60	139.90
1967 .....	58.50	175.10	53.70	160.80	48.90	146.40	45.50	136.20
1968 .....	63.60	186.00	55.40	162.00	48.70	142.40	46.50	136.00
1969 .....	72.20	202.80	61.90	173.90	52.20	146.60	50.60	142.10
1970 .....	68.40	185.40	59.00	159.90	52.00	140.90	50.60	137.10
1971 .....	80.90	212.30	60.70	159.30	54.10	142.00	52.50	137.80
1972 .....	93.10	233.90	63.40	159.30	57.40	144.20	56.00	140.70
1973 .....	115.20	256.00	78.30	174.00	66.50	147.80	64.30	142.90
1974 .....	124.60	232.90	91.00	170.10	80.00	149.50	77.40	144.70
1975 .....	117.30	200.90	89.10	152.60	79.90	136.80	76.50	131.00
1976 .....	138.00	225.90	93.10	152.40	86.80	142.10	87.00	142.40
1977 .....	160.80	247.80	101.20	155.90	90.70	139.80	91.60	141.10
1978 .....	201.10	287.70	120.30	172.10	101.80	145.60	101.70	145.50
1979 .....	251.80	319.90	134.40	170.80	116.00	147.40	116.30	147.80
1980 .....	230.60	256.80	140.70	156.70	122.60	136.50	126.40	140.80
1981 .....	244.40	249.40	139.00	141.80	124.40	126.90	129.70	132.30
1982 .....	207.50	207.50	152.20	152.20	132.10	132.10	133.60	133.60
1983 .....	226.30	223.40	178.00	175.70	134.40	132.70	142.40	140.60
1984 .....	227.30	219.20	193.60	186.70	154.90	149.40	163.90	158.10
1985 .....	186.10	180.30	176.80	171.30	148.60	144.00	156.30	151.50
1986 .....	176.00	175.60	171.40	171.10	144.10	143.80	159.90	159.60
1987 .....	201.70	196.20	( <sup>2</sup> )	( <sup>2</sup> )	143.60	139.70	171.10	166.40
1st quarter .....	211.30	209.40	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
2d quarter .....	223.40	218.00	175.60	171.30	131.50	128.30	151.50	147.80
3d quarter .....	183.40	176.90	( <sup>2</sup> )	( <sup>2</sup> )	141.30	136.30	( <sup>2</sup> )	( <sup>2</sup> )
4th quarter .....	188.70	181.10	( <sup>2</sup> )	( <sup>2</sup> )	157.90	151.50	190.80	183.10
1988 .....	234.50	219.40	230.80	215.90	162.10	156.60	207.30	193.90
1st quarter .....	243.10	232.00	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
2d quarter .....	239.20	224.60	246.60	231.50	164.90	154.80	225.10	211.40
3d quarter .....	242.20	224.30	244.40	226.30	158.30	146.60	201.60	186.70
4th quarter .....	213.40	196.70	201.30	185.50	163.10	150.30	195.20	179.90

<sup>1</sup>Derived by dividing the price in current dollars by the Bureau of Labor Statistics producer price index for all commodities (1982=100).

<sup>2</sup>Not available.

Source: Louisiana Department of Agriculture, Office of Marketing (12).

Table 23.—Saw-log prices in Wisconsin, by selected species and grade, 1960-88

[Dollars per thousand board feet, Scribner log scale, f.o.b. mill]

Year	Aspen					Basswood				
	Grade 1	Grade 2	Grade 3	Woodsrun		Grade 1	Grade 2	Grade 3	Woodsrun	
	Current dollars	Current dollars	Current dollars	Current dollars	1982 dollars <sup>1</sup>	Current dollars	Current dollars	Current dollars	Current dollars	1982 dollars <sup>1</sup>
1960 .....	54.00	29.00	22.50	32.50	102.50	80.00	39.00	21.50	45.00	142.00
1961 .....	45.00	30.00	22.50	37.50	118.50	72.50	40.00	22.50	45.00	142.50
1962 .....	47.50	30.00	( <sup>2</sup> )	34.00	107.50	74.00	36.50	19.00	51.50	162.50
1963 .....	37.50	25.00	( <sup>2</sup> )	32.50	103.00	80.00	45.00	20.00	50.00	158.00
1964 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1965 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1966 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1967 .....	36.50	35.00	( <sup>2</sup> )	42.00	125.50	87.50	52.50	26.50	60.00	179.50
1968 .....	52.50	35.00	17.50	36.50	106.50	76.50	54.00	30.00	52.50	153.50
1969 .....	50.00	45.00	30.00	40.00	112.50	92.50	54.00	32.50	59.50	167.00
1970 .....	52.50	39.00	25.00	40.50	110.00	82.00	56.50	36.50	59.00	160.00
1971 .....	50.00	36.50	27.50	46.50	122.00	80.00	49.00	29.00	62.50	164.00
1972 .....	56.50	29.00	17.50	49.00	123.00	97.00	55.00	32.50	66.50	167.00
1973 .....	62.50	36.50	30.00	56.00	124.50	115.00	71.50	46.50	84.00	186.50
1974 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1975 .....	80.00	50.00	( <sup>2</sup> )	52.50	90.00	113.50	67.50	42.50	87.50	150.00
1976 .....	70.00	65.00	47.50	56.00	91.50	112.50	72.50	42.50	96.50	158.00
1977 .....	70.00	55.00	50.00	88.00	135.50	130.00	81.50	51.50	103.00	158.50
1978 .....	90.00	61.50	57.50	71.50	102.50	166.50	104.00	64.00	118.00	169.00
1979 .....	119.00	92.50	80.00	84.00	106.50	194.00	122.50	82.50	116.50	148.00
1980 .....	96.50	76.50	55.00	84.00	93.50	174.00	117.50	60.00	141.50	157.50
1981 .....	105.00	77.50	75.00	94.00	96.00	195.00	116.50	65.00	156.50	159.50
1982 .....	100.00	( <sup>2</sup> )	( <sup>2</sup> )	107.00	107.00	184.00	120.00	90.00	145.00	145.00
1983 .....	110.00	80.00	80.00	82.50	81.50	191.50	134.00	89.00	131.50	130.00
1984 .....	96.50	81.50	102.50	101.50	98.00	202.50	126.50	87.50	171.50	165.50
1985 .....	117.50	65.00	80.00	94.50	91.50	192.50	115.00	80.00	147.50	143.00
1986 .....	95.00	65.00	80.00	98.00	98.00	182.50	115.00	67.50	154.00	153.50
1987:										
Spring .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	124.00	121.50	175.00	110.00	60.00	177.50	174.00
Fall .....	117.50	87.50	75.00	85.00	81.50	212.50	125.00	55.00	192.50	185.00
1988:										
Spring .....	97.50	77.50	( <sup>2</sup> )	92.50	87.50	202.50	112.50	60.00	160.00	151.00

See footnotes at end of table.



Table 23.—Saw-log prices in Wisconsin, by selected species and grade, 1960-88—Continued

[Dollars per thousand board feet, Scribner log scale, f.o.b. mill]

Year	Maple (hard)					Yellow birch				
	Grade 1	Grade 2	Grade 3	Woodsrn		Grade 1	Grade 2	Grade 3	Woodsrn	
	Current dollars	Current dollars	Current dollars	Current dollars	1982 dollars <sup>1</sup>	Current dollars	Current dollars	Current dollars	Current dollars	1982 dollars <sup>1</sup>
1960 .....	89.00	49.00	25.00	55.00	173.50	152.50	47.50	24.00	67.50	213.00
1961 .....	92.50	55.00	20.00	50.00	158.00	102.50	50.00	22.50	65.00	205.50
1962 .....	85.00	45.00	26.50	57.50	181.50	114.00	50.00	22.50	66.50	210.00
1963 .....	100.00	47.50	27.50	55.00	174.00	117.50	50.00	22.50	67.50	213.50
1964 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1965 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1965 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1967 .....	111.50	52.50	28.50	67.50	202.00	130.00	57.50	30.00	74.00	221.50
1968 .....	99.00	64.00	31.50	62.50	182.50	157.50	76.50	34.00	( <sup>2</sup> )	( <sup>2</sup> )
1969 .....	116.00	55.00	32.50	64.00	180.00	130.00	59.00	34.00	74.00	208.00
1970 .....	92.50	62.50	36.50	55.00	149.00	91.50	59.00	36.50	65.00	176.00
1971 .....	91.00	49.00	30.00	69.00	181.00	109.00	55.00	27.50	80.00	210.00
1972 .....	120.00	67.50	40.00	74.00	186.00	97.50	57.50	30.00	89.00	223.50
1973 .....	135.00	80.00	46.50	85.00	189.00	147.50	80.00	46.50	104.00	231.00
1974 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1975 .....	140.00	80.00	47.50	92.50	158.50	125.00	72.50	32.50	100.00	171.00
1976 .....	149.00	94.00	46.50	109.00	178.50	139.00	77.50	45.00	109.00	178.50
1977 .....	157.50	87.50	58.00	112.50	173.50	162.50	87.50	51.50	125.00	192.50
1978 .....	185.00	121.50	75.00	144.00	206.00	155.00	102.50	64.00	162.50	232.50
1979 .....	210.00	149.00	84.00	134.00	170.50	222.50	157.50	82.50	159.00	202.00
1980 .....	181.90	115.00	60.00	145.50	162.00	155.00	130.00	61.50	151.50	168.50
1981 .....	221.50	131.50	75.00	153.50	156.50	229.00	127.50	75.00	157.50	160.50
1982 .....	189.00	122.50	86.50	171.50	171.50	185.00	115.00	87.50	162.50	162.50
1983 .....	186.50	130.00	97.50	127.00	125.50	199.00	140.00	90.00	159.00	157.00
1984 .....	206.50	130.00	94.00	152.50	147.00	221.50	150.00	91.50	179.00	172.50
1985 .....	204.00	117.50	89.00	165.00	160.00	215.00	145.00	86.50	169.00	164.00
1986 .....	206.50	120.00	80.00	172.50	172.00	221.50	137.50	75.00	162.50	162.00
1987:										
Spring .....	200.00	112.50	65.00	145.00	142.50	210.00	130.00	65.00	135.00	132.50
Fall .....	227.50	135.00	75.00	167.50	161.00	240.00	150.00	70.00	( <sup>2</sup> )	( <sup>2</sup> )
1988:										
Spring .....	220.00	145.00	80.00	160.00	151.00	225.00	150.00	70.00	147.50	139.50

<sup>1</sup>Derived by dividing the price in current dollars by the Bureau of Labor Statistics producer price index for all commodities (1982=100).

<sup>2</sup>Not available.

Source: University of Wisconsin, Forestry Department (70).

Table 24.—Veneer-log production,<sup>1</sup> by softwoods and hardwoods, 1960-88

[Million board feet, local log rule]

Year	All species	Softwoods	Hardwoods	Year	All species	Softwoods	Hardwoods
1960 .....	4,276	3,446	830	1975 .....	6,535	6,145	390
1961 .....	4,628	3,836	792	1976 .....	7,415	7,010	405
1962 .....	4,854	4,068	786	1977 .....	7,805	7,360	445
1963 .....	5,310	4,530	780	1978 .....	8,005	7,560	445
1964 .....	5,840	5,000	840	1979 .....	7,515	7,085	430
1965 .....	6,275	5,425	850	1980 .....	6,425	6,040	390
1966 .....	6,315	5,610	705	1981 .....	6,460	6,095	365
1967 .....	6,305	5,610	695	1982 .....	6,230	5,885	345
1968 .....	6,880	6,150	730	1983 .....	7,480	7,110	370
1969 .....	6,430	5,750	680	1984 .....	7,690	7,335	350
1970 .....	6,250	5,595	655	1985 .....	7,815	7,510	300
1971 .....	7,215	6,515	700	1986 .....	8,280	7,960	325
1972 .....	7,815	7,070	740	1987 .....	9,075	8,700	375
1973 .....	7,750	7,090	660	1988 <sup>2</sup> ....	8,950	8,580	370
1974 .....	6,560	6,045	515				

<sup>1</sup>Includes small volumes of imported logs.

<sup>2</sup>Preliminary.

Sources: U.S. Department of Commerce, Bureau of the Census (41, 51); U.S. Department of Agriculture, Forest Service. Data for selected years 1905-47 in *The demand and price situation for forest products, 1964*, table 18 (31).

See footnotes at end of table.

Table 25.—Hardwood veneer-log prices, by selected State and species, 1960-88—Continued  
[Dollars per thousand board feet, <sup>1</sup> f.o.b. mill]

Year	Indiana <sup>2</sup> —Continued									
	Black walnut—Continued					Tulip poplar				
	Select 16"-17"		Prime 24"-28"		Select 24"-28"	Prime 16"-17"		Select 16"-17"		Select 24"-28"
	Current dollars	1982 dollars <sup>3</sup>	Current dollars	1982 dollars <sup>3</sup>		Current dollars	1982 dollars <sup>3</sup>	Current dollars	1982 dollars <sup>3</sup>	
1960	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1961	185.00	585.00	425.00	1,345.00	315.00	85.00	269.00	285.00	348.00	364.00
1962	275.00	868.00	640.00	2,019.00	410.00	91.00	287.00	90.00	394.00	331.00
1963	280.00	886.00	770.00	2,437.00	560.00	98.00	310.00	96.00	396.00	332.00
1964	260.00	823.00	829.00	2,623.00	560.00	92.00	291.00	88.00	380.00	342.00
1965	425.00	1,316.00	922.00	2,854.00	639.00	104.00	322.00	93.00	387.00	300.00
1966	367.00	1,102.00	1,040.00	3,123.00	580.00	105.00	315.00	90.00	408.00	300.00
1967	550.00	1,647.00	1,078.00	3,228.00	712.00	142.00	425.00	108.00	512.00	452.00
1968	510.00	1,491.00	1,367.00	3,997.00	880.00	.....	.....	.....	.....	.....
1969	575.00	1,615.00	1,594.00	4,478.00	883.00	140.00	393.00	102.00	492.00	.....
1970	781.00	2,117.00	1,875.00	5,081.00	1,170.00	110.00	298.00	90.00	.....	295.00
1971	550.00	1,444.00	1,907.00	5,005.00	944.00	147.00	386.00	114.00	415.00	336.00
1972	929.00	2,334.00	2,150.00	5,402.00	1,633.00	130.00	327.00	128.00	302.00	410.00
1973	660.00	1,467.00	2,800.00	6,222.00	1,021.00	192.00	427.00	110.00	522.00	333.00
1974	874.00	1,634.00	2,659.00	4,970.00	2,517.00	204.00	381.00	150.00	441.00	361.00
1975	1,043.00	1,786.00	3,793.00	6,495.00	2,505.00	172.00	295.00	140.00	329.00	312.00
1976	1,286.00	2,105.00	3,188.00	5,218.00	1,930.00	244.00	399.00	196.00	360.00	331.00
1977	1,683.00	2,593.00	3,390.00	5,223.00	2,150.00	216.00	333.00	181.00	320.00	254.00
1978	1,190.00	1,702.00	3,829.00	5,478.00	3,100.00	265.00	379.00	211.00	515.00	381.00
1979	1,542.00	1,959.00	4,079.00	5,183.00	2,535.00	.....	.....	212.00	445.00	344.00
1980	2,024.00	2,254.00	5,357.00	5,965.00	4,203.00	293.00	326.00	225.00	432.00	321.00
1981	1,372.00	1,400.00	3,571.00	3,644.00	1,885.00	255.00	260.00	192.00	362.00	262.00
1982	1,438.00	1,438.00	3,169.00	3,169.00	2,200.00	297.00	297.00	260.00	375.00	284.00
1983	1,408.00	1,390.00	3,839.00	3,790.00	2,011.00	285.00	281.00	249.00	348.00	281.00
1984	1,381.00	1,332.00	3,344.00	3,225.00	1,887.00	292.00	282.00	279.00	418.00	328.00
1985	1,295.00	1,255.00	2,949.00	2,858.00	1,877.00	244.00	236.00	196.00	234.00	162.00
1986	1,307.00	1,304.00	3,616.00	3,609.00	1,598.00	.....	.....	.....	.....	.....
1987	1,265.00	1,231.00	3,955.00	3,847.00	2,006.00	.....	.....	.....	.....	.....
1988 <sup>5</sup>	1,506.00	1,409.00	4,063.00	3,801.00	1,988.00	.....	.....	.....	.....	.....

<sup>1</sup>Wisconsin, Scribner log scale; Illinois, log scales used by reporting buyers: Doyle-95%, International-3%, and Scribner-2%.

<sup>2</sup>Prices for southern Indiana, 1961-68.

<sup>3</sup>Derived by dividing the price in current dollars by the Bureau of Labor Statistics producer price index for all commodities (1982=100).

<sup>4</sup>Not available.  
<sup>5</sup>Preliminary.

Sources: University of Wisconsin, Forestry Department (70); Illinois Cooperative Crop Reporting Service (70); Purdue University, Department of Forestry and Natural Resources and Indiana Department of Natural Resources (27).



Table 26.—Pulpwood consumption, production, imports, exports, and the equivalent wood volumes of imports and exports of paper, board, and woodpulp, 1960-88

[Thousand cords]

Year	U.S. total consumption	Consumption in U.S. mills							Paper, board, and woodpulp (pulpwood equivalent)				
		Total	Domestic production <sup>1</sup>				Chips <sup>2</sup>	Net imports	Imports	Exports	Net imports	Imports	Exports
			Roundwood		Hardwoods								
			Total	Softwoods	Hardwoods								
1960	49,135	41,170	40,010	33,465	25,450	8,015	6,545	1,160	1,320	160	7,960	11,360	3,395
1961	49,290	41,430	40,270	32,115	23,995	8,120	8,155	1,160	1,350	190	7,860	11,525	3,665
1962	52,535	44,060	42,770	33,330	24,315	9,015	9,440	1,290	1,405	115	8,475	12,170	3,695
1963	53,990	46,255	44,710	34,665	25,120	9,545	10,045	1,545	1,635	90	7,730	12,050	4,315
1964	57,880	49,995	48,600	37,450	26,920	10,530	11,150	1,390	1,470	75	7,885	12,950	5,065
1965	62,375	53,470	52,320	40,290	29,250	11,040	12,030	1,150	1,305	155	8,900	13,765	4,860
1966	66,985	57,175	56,070	41,840	29,590	12,250	14,230	1,105	1,385	280	9,810	15,510	5,335
1967	66,870	58,420	57,470	41,810	30,100	11,710	15,660	945	1,590	840	8,450	14,295	5,845
1968	69,935	61,905	61,670	44,250	32,130	12,120	17,420	235	1,425	1,190	8,030	14,735	6,700
1969	75,100	66,225	66,910	47,070	33,590	13,480	19,840	-680	980	1,660	8,875	16,180	7,305
1970	75,665	69,620	70,460	50,220	36,660	13,560	20,240	-840	1,120	1,965	6,045	15,300	9,245
1971	75,735	68,040	63,350	46,720	33,390	13,330	21,620	-305	1,225	1,530	7,695	15,600	7,905
1972	78,780	70,280	71,240	46,090	31,830	14,270	25,150	-960	1,020	1,975	8,500	16,505	8,005
1973	85,115	75,705	77,170	48,840	32,810	16,020	28,340	-1,470	1,200	2,670	9,410	17,520	8,110
1974	87,240	79,690	81,860	53,950	37,010	16,930	27,910	-2,170	965	3,135	7,555	17,640	10,085
1975	71,530	67,165	69,040	44,280	31,660	12,610	24,760	-1,875	765	2,645	4,365	13,215	8,850
1976	82,040	75,255	77,410	47,650	32,970	14,680	29,760	-2,155	1,115	3,270	6,780	15,615	8,830
1977	85,095	77,745	79,760	45,800	31,100	14,700	33,970	-2,020	1,350	3,370	7,350	16,295	8,945
1978	88,345	78,700	80,080	47,130	30,900	16,230	32,950	-1,380	1,675	3,055	9,645	18,530	8,885
1979	93,125	83,815	86,200	51,550	34,810	16,740	34,650	-2,390	1,405	3,790	9,310	19,255	9,945
1980	91,355	86,490	88,600	54,940	37,810	17,120	33,660	-2,110	1,590	3,700	4,865	18,230	13,365
1981	89,075	83,780	85,250	51,800	35,160	16,640	33,450	-1,465	1,490	2,955	5,295	17,695	12,405
1982	86,005	80,780	81,730	50,010	33,350	16,660	31,720	-950	1,405	2,355	5,225	16,525	11,300
1983	93,615	87,195	87,520	52,410	32,970	19,440	35,110	-325	1,715	2,040	6,420	18,595	12,175
1984	101,520	91,450	91,540	54,750	34,740	20,010	36,790	-95	1,825	1,920	10,070	21,745	11,680
1985	96,805	86,120	87,340	52,360	33,040	19,310	34,980	-1,220	650	1,870	10,685	22,285	11,600
1986	101,765	92,060	93,380	57,130	36,290	21,840	36,250	-1,320	630	1,945	9,705	23,330	13,625
1987	103,840	94,235	95,820	58,670	37,220	21,450	37,150	-1,585	430	2,015	9,605	24,715	15,105
1988 <sup>3</sup>	104,870	96,695	98,720	61,260	37,270	23,990	37,460	-2,025	735	2,765	8,170	25,165	16,995

<sup>1</sup>Data for the years 1960-63 are domestic receipts at pulp mills.

<sup>2</sup>Chips produced from roundwood and byproducts from primary processing plants, such as slabs, edgings, and veneer cores.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); U.S. Department of Agriculture, Forest Service (36, 37, 38); American Pulpwood Association (7); American Paper Institute (1, 2).  
Data for selected years 1909-49 in *The demand and price situation for forest products, 1964*, table 14 (31).



Table 27.—Pulpwood production, by section and softwoods and hardwoods, 1960-88

[Million cords]

Year	All sections			North <sup>1</sup>			South			West <sup>1</sup>		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
1960 .....	40.0	31.5	8.5	7.9	4.2	3.7	23.6	19.1	4.5	8.5	8.2	0.3
1961 .....	40.3	31.5	8.8	7.2	3.6	3.6	24.2	19.4	4.9	8.9	8.5	.3
1962 .....	42.8	33.0	9.8	7.8	4.0	3.8	25.6	20.0	5.6	9.4	9.0	.3
1963 .....	44.7	34.2	10.5	8.0	3.9	4.1	26.6	20.7	5.9	10.1	9.6	.5
1964 .....	48.6	36.9	11.7	8.7	3.9	4.8	28.8	22.5	6.4	11.1	10.5	.5
1965 .....	52.3	39.8	12.5	9.0	4.1	4.9	30.8	23.8	7.0	12.5	12.0	.5
1966 .....	56.1	42.0	14.1	10.3	4.4	5.9	33.1	25.4	7.7	12.7	12.2	.6
1967 .....	57.5	43.5	13.9	10.2	4.4	5.8	33.7	25.9	7.7	13.6	13.2	.4
1968 .....	61.7	47.1	14.6	9.8	4.3	5.5	37.1	28.5	8.6	14.7	14.3	.4
1969 .....	66.9	50.2	16.7	10.5	4.1	6.4	40.9	31.1	9.8	15.5	15.0	.5
1970 .....	70.5	53.4	17.1	11.4	4.7	6.7	42.2	32.4	9.8	17.0	16.3	.6
1971 .....	68.3	51.6	16.8	10.8	4.3	6.5	41.9	32.3	9.7	15.6	15.0	.6
1972 .....	71.2	53.2	18.0	10.8	4.0	6.7	44.3	33.7	10.6	16.2	15.5	.7
1973 .....	77.2	56.7	20.4	12.9	4.6	8.2	47.1	35.5	11.6	17.2	16.6	.7
1974 .....	81.9	59.6	22.2	13.9	5.1	8.8	49.1	36.6	12.5	18.9	18.0	.9
1975 .....	69.0	52.4	16.6	10.8	4.5	6.3	42.3	32.7	9.6	15.9	15.2	.7
1976 .....	77.4	58.1	19.3	12.2	4.8	7.4	47.4	36.2	11.2	17.8	17.1	.7
1977 .....	79.8	60.2	19.6	13.0	5.4	7.6	48.9	37.7	11.2	17.9	17.2	.8
1978 .....	80.1	58.9	21.2	13.4	5.5	7.8	50.6	38.0	12.7	16.1	15.4	.7
1979 .....	86.2	63.3	22.9	14.0	5.5	8.5	54.3	40.7	13.6	17.9	17.1	.8
1980 .....	88.6	65.2	23.4	14.3	5.7	8.6	54.5	40.7	13.8	19.8	18.7	1.0
1981 .....	85.2	62.1	23.2	13.9	5.6	8.3	54.3	40.1	14.2	17.0	16.3	.7
1982 .....	81.7	59.3	22.4	13.7	5.9	7.8	52.2	38.6	13.6	15.8	14.8	.9
1983 .....	87.5	61.9	25.6	14.4	5.6	8.8	56.6	40.5	16.1	16.5	15.8	.7
1984 .....	91.5	64.6	26.9	15.1	6.0	9.1	58.7	41.9	16.9	17.7	16.8	.9
1985 .....	87.3	61.4	26.0	14.5	5.8	8.8	57.0	40.6	16.3	15.8	14.9	.9
1986 .....	93.4	64.6	28.7	15.2	5.7	9.5	60.6	42.7	17.9	17.6	16.3	1.3
1987 .....	95.8	66.7	29.1	15.6	5.9	9.7	62.4	44.2	18.3	17.8	16.7	1.1
1988 <sup>2</sup> .....	98.7	66.7	32.0	18.3	6.2	12.1	62.1	43.2	18.9	18.3	17.4	1.0

<sup>1</sup>Data for the years 1960-63 are domestic receipts at pulp mills.

<sup>2</sup>Preliminary.

NOTE: Data may not add to totals because of rounding. The West includes: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, South Dakota, Utah, Washington, and Wyoming. The South includes: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia. The North includes the remaining 24 States.

Sources: U.S. Department of Commerce, Bureau of the Census (49); U.S. Department of Agriculture, Forest Service (36, 37 38); American Pulpwood Association (7). Data for selected years 1899-1949 in *The demand and price situation for forest products, 1964*, table 15 (31).

Table 28.—Pulpwood stumpage prices, by selected State and species, 1960-88

[Dollars per cord]

Year	Louisiana				Wisconsin				Northern New Hampshire			
	Southern pine		Hardwoods		Hemlock		Pine		Spruce		Aspen	
	Current dollars	1982 dollars <sup>2</sup>	Current dollars	1982 dollars <sup>2</sup>	Current dollars	1982 dollars <sup>2</sup>	Current dollars	1982 dollars <sup>2</sup>	Current dollars	1982 dollars <sup>2</sup>	Current dollars	1982 dollars <sup>2</sup>
1960	4.40	13.90	1.60	5.05	4.00	12.60	5.05	15.95	7.25	22.85	2.95	9.30
1961	4.25	13.45	1.55	4.90	4.00	12.65	5.50	17.40	8.00	25.30	2.00	6.35
1962	4.25	13.40	1.55	4.90	4.20	13.25	5.15	16.25	8.25	26.00	2.45	7.75
1963	4.30	13.60	1.55	4.90	4.25	13.45	5.25	16.60	8.00	25.30	2.25	7.10
1964	4.30	13.60	1.65	5.20	1.75	5.55	.....	.....	.....	.....	.....	.....
1965	4.40	13.60	1.60	4.95	.....	.....	.....	.....	.....	.....	.....	.....
1966	4.55	13.65	1.70	5.10	.....	.....	.....	.....	.....	.....	.....	.....
1967	4.60	13.75	1.75	5.25	4.25	12.70	4.85	14.50	7.95	23.80	2.25	6.75
1968	4.65	13.60	1.85	5.40	4.90	14.35	4.75	13.90	8.05	23.55	2.75	8.05
1969	4.65	13.05	1.90	5.35	5.30	14.90	5.45	15.30	7.50	21.05	3.00	8.45
1970	4.70	12.75	1.95	5.30	4.75	12.85	5.80	15.70	7.15	19.40	3.00	8.15
1971	4.75	12.45	.....	.....	4.65	12.20	5.50	14.45	5.90	15.50	2.80	7.35
1972	4.75	11.95	2.10	5.30	3.85	9.65	5.50	13.80	6.00	15.10	2.90	7.30
1973	5.20	11.55	2.40	5.35	5.10	11.35	5.40	12.00	7.55	16.80	3.15	7.00
1974	6.05	11.30	2.70	5.05	.....	.....	.....	.....	.....	.....	.....	.....
1975	6.40	10.95	2.80	4.80	.....	.....	.....	.....	.....	.....	.....	.....
1976	6.70	10.95	2.80	4.60	4.95	8.10	8.05	13.20	8.20	13.40	3.60	5.90
1977	7.10	10.95	2.95	4.55	6.70	10.30	8.00	12.35	6.75	10.40	4.35	6.70
1978	7.80	11.15	3.15	4.50	5.20	7.45	9.25	13.25	7.65	10.95	3.05	4.35
1979	9.30	11.80	3.65	4.65	5.65	7.20	11.40	14.50	8.60	10.95	4.85	6.15
1980	10.30	11.45	4.10	4.55	5.95	6.65	14.00	15.60	8.80	9.80	6.40	7.15
1981	12.65	12.90	4.30	4.40	5.65	5.75	15.70	16.00	7.70	7.85	7.25	7.40
1982	14.30	14.30	4.50	4.50	.....	.....	.....	.....	.....	.....	.....	.....
1983	14.85	14.65	4.80	4.75	.....	.....	.....	.....	.....	.....	.....	.....
1984	17.65	17.00	4.35	4.20	6.35	6.10	13.15	12.70	7.55	7.30	7.20	6.95
1985	15.20	14.75	4.40	4.25	4.70	4.55	12.00	11.65	7.45	7.20	7.05	6.85
1986	12.05	12.05	4.30	4.30	4.70	4.70	11.15	11.15	7.40	7.40	6.75	6.75
1987	13.85	13.45	5.35	5.20	3.75	3.65	10.45	10.15	9.85	9.60	6.40	6.25
1988 <sup>3</sup>	15.95	14.90	5.20	4.85	3.50	3.25	11.00	10.30	8.15	7.60	5.00	4.70
1989	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup>Includes tamarack.

<sup>2</sup>Derived by dividing the price in current dollars by the Bureau of Labor Statistics producer price index for all commodities (1982=100).

<sup>3</sup>Preliminary.

Sources: Louisiana Department of Agriculture, Office of Marketing (12); University of Wisconsin, Forestry Department (70); University of New Hampshire, Cooperative Extension Service, and New Hampshire Department of Resources and Economic Development (18).

Table 29.—Pulpwood prices, by selected area and species, 1960-88

[Dollars per standard cord, including bark]

Year	Midsouth <sup>1</sup>				Southeast <sup>1</sup>				Louisiana <sup>2</sup>			
	Southern pine		Hardwoods		Southern pine-chips		Southern pine		Hardwoods		Southern pine	
	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>
1960 .....	16.05	50.65	13.10	41.30	14.40	45.45	16.45	51.90	13.60	42.90	14.85	46.85
1961 .....	15.85	50.15	13.05	41.30	14.50	45.90	16.55	52.35	13.50	42.70	14.60	46.20
1962 .....	15.80	49.85	13.20	41.65	14.55	45.90	16.55	52.20	13.40	42.55	14.50	45.75
1963 .....	15.75	49.85	13.10	41.45	14.40	45.55	16.55	52.35	13.45	42.55	15.20	48.10
1964 .....	15.90	50.30	13.15	41.60	14.30	45.25	17.00	53.80	13.60	43.05	15.25	48.25
1965 .....	16.30	50.50	13.80	42.70	14.40	44.60	17.65	54.65	14.35	44.45	15.70	48.60
1966 .....	16.85	50.60	15.05	45.20	15.15	45.50	18.80	56.45	14.90	44.75	16.50	49.55
1967 .....	17.15	51.35	15.20	45.50	15.35	45.95	19.25	57.65	15.55	46.55	16.50	49.40
1968 .....	17.75	51.90	15.85	46.35	15.80	46.20	19.85	58.05	15.60	45.60	17.00	49.70
1969 .....	18.55	52.10	16.85	47.35	17.15	48.15	20.90	58.70	16.35	45.95	17.75	49.85
1970 .....	18.80	50.95	16.95	45.95	16.40	44.45	21.10	57.20	17.15	46.50	17.75	48.10
1971 .....	19.10	50.15	17.35	45.55	17.55	46.05	21.15	55.50	17.15	45.00	.....	.....
1972 .....	20.80	52.25	18.55	46.60	17.90	44.95	22.85	57.40	18.95	47.60	19.25	48.35
1973 .....	23.85	53.00	21.30	47.35	19.55	43.45	28.20	62.65	21.15	47.00	22.50	50.00
1974 .....	28.25	52.80	25.30	47.30	25.60	47.85	32.80	61.30	24.10	45.05	28.30	52.90
1975 .....	28.70	49.15	25.70	44.00	27.05	46.30	33.20	56.85	24.55	42.05	29.25	50.10
1976 .....	29.75	48.70	26.50	43.35	28.50	46.65	33.60	55.00	24.55	40.20	30.45	49.85
1977 .....	31.40	48.40	28.10	43.30	30.95	47.70	34.65	53.40	26.55	40.90	31.65	48.75
1978 .....	33.15	47.40	30.35	43.40	33.70	48.20	36.25	51.85	28.15	40.25	34.55	49.45
1979 .....	40.10	50.95	33.90	43.05	42.25	53.70	40.65	51.65	30.40	38.65	38.95	49.50
1980 .....	43.30	48.20	36.70	40.85	48.50	54.00	43.90	48.90	32.90	36.65	41.45	46.15
1981 .....	50.45	51.50	39.50	40.30	60.10	61.35	47.15	48.10	35.10	35.80	44.20	45.10
1982 .....	52.90	52.90	39.80	39.80	64.30	64.30	48.25	48.25	35.20	35.20	46.95	46.95
1983 .....	53.05	52.35	40.10	39.60	56.30	55.60	50.40	49.75	35.50	35.05	47.60	47.00
1984 .....	55.25	53.30	41.10	39.65	61.20	59.00	53.90	52.00	36.75	35.45	42.75	41.20
1985 .....	54.45	52.75	41.70	40.40	52.60	50.95	54.35	52.65	36.70	35.55	49.20	47.65
1986 .....	50.50	50.40	41.30	41.20	52.65	52.55	53.80	53.70	36.65	36.60	48.10	48.00
1987 .....	51.00	49.60	41.70	40.55	51.25	49.85	53.15	51.70	37.80	36.75	50.65	49.25
1988 <sup>7</sup> .....	51.50	48.20	44.70	41.80	50.25	47.00	53.00	49.60	38.05	35.60	52.25	48.90

See footnotes at end of table.

Table 29.—*Pulpwood prices, by selected area and species, 1960-88--Continued*  
 [Dollars per standard cord, including bark]

Year	Wisconsin <sup>3</sup>				Northern New Hampshire <sup>3</sup>			
	Hemlock		Pine		Spruce		Aspen	
	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>	Current dollars	1982 dollars <sup>5</sup>
1960 .....	18.90	59.60	17.65	55.70	27.75	87.55	13.00	41.00
1961 .....	19.00	60.15	18.00	56.95	27.25	86.25	13.00	41.15
1962 .....	19.15	60.40	17.00	53.65	27.00	85.15	12.75	40.20
1963 .....	18.75	59.35	16.40	51.90	25.75	81.50	13.75	43.50
1964 .....	.....	.....	.....	.....	.....	.....	.....	.....
1965 .....	.....	.....	.....	.....	.....	.....	.....	.....
1966 .....	.....	.....	.....	.....	.....	.....	.....	.....
1967 .....	21.25	63.60	20.25	60.65	29.90	89.50	15.65	46.85
1968 .....	21.15	61.85	20.10	58.75	28.25	82.60	16.00	46.80
1969 .....	21.00	59.00	19.60	55.05	28.50	80.05	16.00	44.95
1970 .....	21.15	57.30	21.20	57.45	29.20	79.15	16.00	43.35
1971 .....	21.00	55.10	20.65	54.20	28.50	74.80	16.00	42.00
1972 .....	21.80	54.75	21.35	53.65	29.90	75.15	16.25	40.85
1973 .....	24.00	53.35	24.85	55.20	31.40	69.80	18.55	41.20
1974 .....	.....	.....	.....	.....	.....	.....	.....	.....
1975 .....	.....	.....	.....	.....	.....	.....	.....	.....
1976 .....	34.25	56.05	36.60	59.90	41.75	68.35	25.25	41.35
1977 .....	33.40	51.45	38.40	59.15	40.45	62.35	25.75	39.70
1978 .....	34.00	48.65	37.75	54.00	38.45	55.00	26.00	37.20
1979 .....	35.90	45.60	41.25	52.40	48.35	61.45	30.00	38.10
1980 .....	.....	.....	.....	.....	.....	.....	.....	.....
1981 .....	37.65	41.95	42.70	47.55	47.95	53.40	33.50	37.30
1982 .....	42.25	44.80	49.90	50.90	50.35	51.40	36.30	37.05
1983 .....	42.65	42.25	49.15	49.15	51.70	51.70	35.25	35.25
1984 .....	45.75	44.10	50.40	49.75	54.90	54.20	35.40	34.95
1985 .....	.....	.....	50.15	48.35	50.90	49.10	37.40	36.05
1986 .....	46.55	45.10	54.75	53.05	52.65	51.00	37.50	36.35
1987 .....	37.00	36.95	54.75	54.65	51.75	51.65	37.50	37.45
1988 .....	40.50	39.40	48.05	46.75	47.40	46.10	37.10	36.10
1988 <sup>7</sup> .....	37.00	34.60	57.00	53.30	( <sup>6</sup> )	( <sup>6</sup> )	36.85	34.45

<sup>1</sup>Weighted average for all pricing points.

<sup>2</sup>F o.b. car.

<sup>3</sup>Delivered to mill.

<sup>4</sup>Includes tamarack.

<sup>5</sup>Derived by dividing price in current dollars by the

Bureau of Labor Statistics producer price index for all commodities (1982=100).

<sup>6</sup>Not available.

<sup>7</sup>Preliminary.

Sources: U.S. Department of Agriculture, Forest Service (34, 35); Louisiana Department of Agriculture, Office of Marketing (12); University of Wisconsin, Forestry Department (70); University of New Hampshire, Cooperative Extension Service, and New Hampshire Department of Resources and Economic Development (18).



Table 30.—Lumber production, imports, exports, and consumption, by softwoods and hardwoods, 1960-88

Year	Production			Imports			Exports			Consumption			Per capita consumption		
	Total	Soft-woods	Hard-woods	Total	Soft-woods <sup>1</sup>	Hard-woods	Total	Soft-woods <sup>1</sup>	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Billion board feet	Board feet	Board feet	Board feet
1960	32.9	26.7	6.3	3.9	3.6	0.3	0.9	0.7	0.2	36.0	29.6	6.4	199	164	35
1961	32.0	26.1	6.0	4.3	4.0	0.3	0.8	0.6	0.2	35.5	29.5	6.0	193	160	33
1962	33.2	26.8	6.4	4.9	4.6	0.3	0.8	0.6	0.2	37.3	30.8	6.5	200	165	35
1963	34.7	27.6	7.2	5.3	5.0	0.3	0.9	0.7	0.2	39.2	31.8	7.3	207	166	39
1964	36.6	29.3	7.3	5.2	4.9	0.3	1.0	0.8	0.2	40.8	33.4	7.4	213	174	39
1965	36.8	29.3	7.5	5.2	4.9	0.3	0.9	0.8	0.1	41.1	33.4	7.7	212	172	39
1966	36.6	28.8	7.7	5.2	4.8	0.4	1.0	0.9	0.1	40.8	32.8	8.0	207	167	41
1967	34.7	27.3	7.4	5.1	4.8	0.3	1.1	1.0	0.1	38.8	31.1	7.6	195	157	38
1968	36.5	29.3	7.2	6.2	5.8	0.4	1.2	1.0	0.2	41.5	34.0	7.4	207	170	37
1969	35.8	28.3	7.5	6.3	5.9	0.4	1.1	1.0	0.1	41.0	33.2	7.8	202	164	39
1970	34.7	27.5	7.1	6.1	5.8	0.3	1.2	1.1	0.1	39.5	32.2	7.3	193	157	36
1971	37.0	30.0	6.9	7.6	7.2	0.4	1.1	0.9	0.2	43.5	36.3	7.1	209	175	34
1972	37.7	31.0	6.8	9.4	9.0	0.4	1.4	1.2	0.2	45.8	38.8	7.0	218	185	33
1973	38.6	31.6	7.0	9.6	9.0	0.6	2.0	1.8	0.2	46.2	38.9	7.3	218	183	35
1974	34.6	27.7	6.9	7.3	6.8	0.5	1.8	1.6	0.2	40.1	33.0	7.2	188	154	33
1975	32.6	26.7	5.9	6.0	5.7	0.3	1.6	1.4	0.2	37.0	31.1	5.9	171	144	27
1976	37.0	30.6	6.4	8.2	8.0	0.2	1.8	1.6	0.2	43.4	36.9	6.5	199	169	30
1977	39.4	32.7	6.7	10.7	10.4	0.3	1.7	1.4	0.3	48.4	41.6	6.8	220	189	31
1978	40.5	33.5	7.0	12.2	11.9	0.4	1.7	1.4	0.3	51.0	44.0	7.0	229	198	31
1979	40.6	33.3	7.3	11.5	11.2	0.4	2.1	1.8	0.3	50.0	42.6	7.3	222	189	33
1980	35.4	28.2	7.1	9.9	9.6	0.3	2.5	2.0	0.5	42.7	35.8	6.9	188	157	30
1981	31.7	25.4	6.3	9.5	9.2	0.3	2.4	1.9	0.5	38.8	32.7	6.1	169	142	26
1982	30.0	24.9	5.1	9.4	9.1	0.3	2.0	1.6	0.4	37.3	32.5	4.9	161	140	21
1983	34.6	28.9	5.6	12.3	12.0	0.3	2.3	1.8	0.5	44.5	39.2	5.4	190	167	23
1984	37.1	30.8	6.3	13.6	13.3	0.3	2.2	1.6	0.6	48.5	42.5	6.1	205	179	26
1985	36.4	30.5	6.0	15.0	14.6	0.4	1.9	1.5	0.4	49.5	43.6	5.9	207	182	25
1986	42.0	34.8	7.2	14.6	14.3	0.3	2.4	1.9	0.5	54.2	47.2	7.0	224	195	29
1987	44.9	37.4	7.5	15.2	14.7	0.5	3.2	2.4	0.8	56.9	49.7	7.2	233	204	29
1988 <sup>2</sup>	44.7	37.0	7.7	14.2	13.8	0.4	4.5	3.3	1.3	54.4	47.6	6.9	221	193	28

<sup>1</sup>Includes small volumes of mixed species (not classified as softwoods or hardwoods).

<sup>2</sup>Preliminary.

Sources: U.S. Department of Commerce, Bureau of the Census (44, 52, 53); U.S. Department of Agriculture, Forest Service; National Forest Products Association (16). Data for selected years 1899-1949 in *The demand and price situation for forest products, 1964*, table 7 (31).

NOTE: Data may not add to totals because of rounding.

Estimates of softwood lumber production for certain years in the late 1970's and early 1980's by the Bureau of the Census and some major softwood industry associations currently vary by as much as 5 percent. Cooperative studies are underway to resolve these differences. Revisions made by Census as a result of these studies will be reported in future issues of U.S. timber production, trade, consumption, and price statistics.



Table 31.—Lumber production, by section and softwoods and hardwoods, 1960-88

[Billion board feet]

Year	All sections			North			South			West		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
1960 .....	32.9	26.7	6.3	3.9	1.3	2.7	9.3	5.9	3.4	19.6	19.5	0.1
1961 .....	32.0	26.1	6.0	3.7	1.2	2.5	9.1	5.8	3.4	19.2	19.1	.1
1962 .....	33.2	26.8	6.4	3.9	1.2	2.7	9.5	5.9	3.6	19.9	19.7	.1
1963 .....	34.7	27.6	7.2	4.2	1.3	2.9	10.2	6.1	4.1	20.3	20.1	.2
1964 .....	36.6	29.3	7.3	4.4	1.1	3.2	10.5	6.6	3.9	21.7	21.6	.2
1965 .....	36.8	29.3	7.5	4.4	1.1	3.3	10.8	6.8	4.0	21.6	21.4	.2
1966 .....	36.6	28.8	7.7	4.5	1.1	3.4	10.8	6.7	4.1	21.2	21.0	.2
1967 .....	34.7	27.3	7.4	4.4	1.1	3.4	10.5	6.6	3.9	19.8	19.6	.2
1968 .....	36.5	29.3	7.2	4.5	1.1	3.4	10.7	7.0	3.7	21.3	21.1	.2
1969 .....	35.8	28.3	7.5	4.6	1.1	3.5	11.1	7.3	3.8	20.1	19.9	.2
1970 .....	34.7	27.5	7.1	4.4	1.0	3.4	10.8	7.2	3.6	19.4	19.3	.1
1971 .....	37.0	30.0	6.9	4.4	1.1	3.3	11.3	7.9	3.5	21.3	21.1	.1
1972 .....	37.7	31.0	6.8	4.4	1.1	3.3	11.3	8.0	3.3	22.0	21.9	.1
1973 .....	38.6	31.6	7.0	4.6	1.1	3.5	11.4	8.0	3.4	22.6	22.4	.2
1974 .....	34.6	27.7	6.9	4.4	1.1	3.3	10.4	7.0	3.4	19.7	19.5	.2
1975 .....	32.6	26.7	5.9	4.1	1.1	3.0	9.7	7.0	2.7	18.8	18.6	.1
1976 .....	37.0	30.6	6.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.1	20.9	.2
1977 .....	39.4	32.7	6.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.8	21.6	.2
1978 .....	40.5	33.5	7.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.7	21.4	.2
1979 .....	40.6	33.3	7.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.1	20.9	.2
1980 .....	35.4	28.2	7.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.2	16.9	.3
1981 .....	31.7	25.4	6.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
1982 .....	30.0	24.9	5.1	3.8	1.1	2.7	10.8	8.8	2.0	15.4	15.1	.3
1983 .....	34.6	28.9	5.6	4.3	1.3	3.0	12.7	10.3	2.4	17.6	17.4	.2
1984 .....	37.1	30.8	6.3	4.5	1.2	3.3	13.4	10.7	2.8	19.1	18.9	.2
1985 .....	36.4	30.5	6.0	4.2	1.2	3.0	13.0	10.2	2.7	19.3	19.1	.2
1986 .....	42.0	34.8	7.2	4.9	1.4	3.6	15.1	11.7	3.4	22.0	21.7	.2
1987 .....	44.9	37.4	7.5	5.3	1.5	3.8	15.7	12.3	3.4	23.9	23.6	.3
1988 <sup>2</sup> .....	44.7	37.0	7.7	5.2	1.4	3.9	16.3	12.7	3.6	23.2	22.9	.3

<sup>1</sup>Not available.

<sup>2</sup>Preliminary.

Note: Data may not add to totals because of rounding. The West includes: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, South Dakota, Utah, Washington, and Wyoming. The South includes: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia. The North includes the remaining 24 States.

Estimates of softwood lumber production for certain years in the late 1970's and early 1980's by the Bureau of the Census and some major softwood industry associations currently vary by as much as 5 percent. Cooperative studies are underway to resolve these differences. Revisions made by Census as a result of these studies will be reported in future issues of U. S. timber production, trade, consumption, and price statistics.

Sources: U.S. Department of Commerce Bureau of the Census (44); U.S. Department of Agriculture, Forest Service; National Forest Products Association (16). Data for selected years 1899-1949 in *The demand and price situation for forest products, 1964*, table 9 (31).

Table 32.—Lumber imports, by softwoods and hardwoods and country of origin, 1960-88

[Million board feet]

	All species				Softwood				Hardwoods			
	Total	Canada	Mexico	Other <sup>1</sup>	Total <sup>2</sup>	Canada <sup>2</sup>	Mexico	Other <sup>1</sup>	Total	Canada	Mexico	Other <sup>1</sup>
1960 .....	3,930.6	3,693.9	41.6	195.1	3,639.3	3,576.1	36.9	26.4	291.2	117.8	4.7	168.7
1961 .....	4,257.9	4,042.6	48.5	166.8	4,013.4	3,943.4	43.7	26.3	244.5	99.2	4.8	140.5
1962 .....	4,892.9	4,637.7	47.8	207.4	4,583.7	4,507.1	40.4	36.2	309.2	130.6	7.4	171.2
1963 .....	5,335.4	5,104.7	28.6	202.0	5,032.0	4,975.6	24.4	32.0	303.3	129.1	4.3	170.0
1964 .....	5,222.6	5,004.1	10.2	208.4	4,917.5	4,872.0	7.0	38.5	305.1	132.0	3.1	169.9
1965 .....	5,232.5	5,016.6	10.1	205.8	4,898.1	4,855.7	8.1	34.3	334.3	160.9	2.0	171.4
1966 .....	5,200.1	4,920.9	5.2	274.0	4,779.2	4,730.4	3.7	45.2	420.8	190.5	1.5	228.8
1967 .....	5,140.7	4,902.5	5.5	232.7	4,798.1	4,747.1	3.1	47.9	342.7	155.4	2.5	184.8
1968 .....	6,154.2	5,899.2	4.0	251.1	5,809.1	5,750.0	3.2	55.9	345.1	149.2	.8	195.1
1969 .....	6,300.6	5,963.4	6.7	330.6	5,854.0	5,784.4	5.8	63.7	446.6	179.0	.8	266.8
1970 .....	6,114.3	5,867.6	7.5	239.3	5,777.7	5,722.5	5.5	49.7	336.7	145.1	2.0	189.6
1971 .....	7,589.4	7,314.5	6.5	268.3	7,231.7	7,172.0	4.9	54.7	357.7	142.5	1.6	213.6
1972 .....	9,433.6	9,029.2	20.5	383.9	8,984.8	8,877.8	18.6	88.4	448.8	151.4	1.9	295.5
1973 .....	9,568.7	8,999.2	20.5	549.0	9,019.9	8,843.9	17.5	158.5	548.7	155.4	2.9	390.4
1974 .....	7,270.8	6,847.3	6.1	417.4	6,821.1	6,732.2	2.4	86.5	449.7	115.1	3.7	330.9
1975 .....	5,975.8	5,738.8	28.5	208.5	5,723.8	5,677.0	.4	46.5	252.0	61.8	28.1	162.1
1976 .....	8,246.8	7,995.3	1.0	250.6	7,958.5	7,912.6	.8	45.1	288.3	82.7	.2	205.4
1977 .....	10,713.2	10,408.0	7.0	298.3	10,369.6	10,327.0	1.2	41.4	343.7	81.0	5.8	256.9
1978 .....	12,214.5	11,879.3	11.9	323.4	11,853.2	11,776.7	11.3	65.3	361.4	102.7	.6	258.1
1979 .....	11,529.5	11,187.6	4.7	337.2	11,153.3	11,100.9	3.1	49.3	376.2	86.7	1.6	287.9
1980 .....	9,866.1	9,618.7	2.8	244.6	9,572.9	9,546.3	2.5	24.2	293.2	72.4	.4	220.4
1981 .....	9,523.2	9,285.4	1.9	235.9	9,232.1	9,208.1	1.5	22.5	291.1	77.3	.3	213.5
1982 .....	9,360.5	9,191.8	6.6	162.1	9,149.5	9,114.9	1.1	33.5	211.0	76.9	5.4	128.7
1983 .....	12,253.5	12,039.6	13.7	200.2	11,993.0	11,962.7	12.0	18.2	260.5	76.9	1.6	182.0
1984 .....	13,632.2	13,342.8	14.6	274.8	13,304.4	13,252.3	11.8	40.4	327.7	90.5	2.8	234.4
1985 .....	14,995.6	14,636.0	12.2	347.3	14,632.0	14,531.7	11.8	88.5	363.6	104.4	.4	258.8
1986 .....	14,619.0	14,250.0	32.8	336.2	14,272.1	14,142.3	31.9	97.9	346.9	107.7	.9	238.2
1987 .....	15,233.9	14,763.3	55.0	415.6	14,722.9	14,600.8	54.1	68.0	511.1	162.5	1.0	347.6
1988 <sup>3</sup> .....	14,226.5	13,872.4	42.6	311.4	13,840.5	13,728.4	41.9	70.2	385.9	144.0	.7	241.2

<sup>1</sup>For the years 1974-77, all imports with a value of less than \$500 are included in "Other."

<sup>2</sup>Includes small volumes of hardwoods.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (53). Data for selected years 1929-49 in *The demand and price situation for forest products, 1964*, table 11 (31).

Table 33.—Lumber exports, by softwoods and hardwoods and country of destination, 1960-88

[Million board feet]

Year	All species						Softwoods						Hardwoods					
	Total	Canada	Europe <sup>1</sup>	Central and South America <sup>2</sup>	Japan	Other	Total	Canada	Europe <sup>1</sup>	Central and South America <sup>2</sup>	Japan	Other	Total	Canada	Europe <sup>1</sup>	Central and South America <sup>2</sup>	Japan	Other
1960	860.7	252.9	162.9	118.5	56.3	270.1	693.8	144.7	134.6	101.2	55.7	257.7	166.9	108.2	28.4	17.4	0.5	12.4
1961	773.1	232.5	152.7	87.4	147.5	153.1	618.2	150.2	108.4	80.3	146.8	132.5	154.9	82.3	44.3	7.0	.6	20.7
1962	759.7	196.9	172.0	103.7	74.1	212.9	628.6	119.3	142.3	95.6	73.5	197.9	131.1	77.6	29.7	8.1	.6	15.1
1963	874.9	186.1	232.0	99.0	114.5	243.4	743.1	107.9	198.9	92.0	112.5	231.7	131.8	78.1	33.1	6.9	2.0	11.7
1964	955.6	282.2	243.5	111.7	131.0	187.2	811.5	180.3	214.5	103.9	128.5	184.4	144.1	101.9	29.0	7.8	2.5	2.9
1965	919.1	285.1	249.4	118.8	105.7	160.1	778.9	184.0	229.3	104.8	103.1	157.7	140.2	101.1	20.1	14.0	2.6	2.4
1966	1,022.6	309.0	250.1	123.8	174.4	165.2	867.9	186.5	230.3	118.3	171.3	161.5	154.7	122.5	19.9	5.5	3.1	3.7
1967	1,129.5	338.0	261.0	116.7	265.8	147.9	965.2	207.6	241.0	112.5	260.7	143.5	164.3	130.4	20.0	4.3	5.1	4.5
1968	1,161.6	295.4	304.3	110.3	288.5	163.0	1,048.1	210.4	288.9	105.3	284.8	158.6	113.5	85.0	15.4	5.0	3.8	4.4
1969	1,142.3	285.0	278.3	109.6	317.2	152.2	1,023.8	198.3	264.6	102.5	309.6	148.9	118.4	86.7	13.7	7.1	7.7	3.3
1970	1,243.4	269.9	299.2	123.6	383.5	167.0	1,115.5	202.6	281.8	109.4	359.6	162.2	127.9	67.3	17.5	14.3	23.9	4.9
1971	1,093.7	289.3	238.9	100.5	323.1	141.8	933.3	206.3	213.8	87.6	287.4	138.2	160.3	83.0	25.2	12.9	35.7	3.6
1972	1,428.3	419.5	286.0	102.8	478.7	141.3	1,191.1	290.1	267.9	89.1	407.2	136.9	237.2	129.4	18.1	13.7	71.5	4.4
1973	1,965.9	548.4	517.0	116.1	569.1	215.4	1,752.7	388.5	488.3	99.9	564.4	211.6	213.2	159.9	28.7	16.2	4.7	3.8
1974	1,765.4	522.3	347.3	119.2	573.9	202.7	1,566.5	382.2	311.3	104.3	570.5	198.3	198.9	140.1	36.1	14.9	3.4	4.4
1975	1,618.1	549.4	244.8	129.6	516.8	177.5	1,405.4	397.5	218.7	109.0	515.3	165.0	212.7	151.9	26.2	20.7	1.5	12.5
1976	1,846.0	619.7	354.5	139.8	478.0	254.1	1,605.5	437.9	316.3	130.2	475.1	246.0	240.5	181.8	38.2	9.5	2.9	8.1
1977	1,665.6	537.4	336.6	144.9	439.6	207.1	1,427.7	365.5	288.6	138.2	436.7	198.6	237.9	171.9	48.0	6.7	2.9	8.4
1978	1,740.9	648.4	347.4	148.6	411.4	185.2	1,353.9	374.4	257.6	132.4	407.6	181.9	387.0	274.0	89.8	16.1	3.7	3.3
1979	2,142.4	651.5	456.1	204.6	647.6	182.6	1,781.3	427.6	345.6	190.5	640.5	177.0	361.1	223.9	110.5	14.1	7.1	5.6
1980	2,494.0	631.3	594.7	364.2	648.9	254.9	2,006.5	388.3	429.2	319.8	633.9	235.3	487.5	243.0	165.5	44.4	15.0	19.6
1981	2,406.3	729.2	398.3	400.6	524.2	354.1	1,927.8	509.1	234.4	364.2	506.5	313.6	478.5	220.0	163.9	36.4	17.8	40.5
1982	2,020.8	418.9	410.6	314.6	627.9	248.8	1,634.9	261.9	248.8	291.9	610.7	222.2	385.9	157.0	162.4	22.8	17.2	26.6
1983	2,269.9	664.1	458.7	232.2	631.6	283.3	1,755.6	433.2	290.6	204.5	595.3	232.0	514.3	230.9	168.2	27.7	36.3	51.3
1984	2,150.4	555.7	345.0	267.8	602.4	379.6	1,623.6	347.7	212.0	212.7	545.0	306.2	526.8	208.0	133.0	55.1	57.4	73.4
1985	1,945.3	461.8	294.2	263.7	624.7	301.0	1,518.3	300.7	179.9	234.9	574.5	228.3	427.1	161.0	114.3	28.8	50.2	72.8
1986	2,426.7	533.0	404.0	296.1	882.3	311.4	1,878.4	361.2	254.8	255.1	809.8	197.5	548.2	171.8	149.2	40.9	72.5	113.8
1987	3,217.0	673.5	542.9	385.3	1,183.9	431.4	2,424.1	445.8	315.0	331.4	1,038.5	293.4	792.9	227.8	227.9	53.9	145.4	138.0
1988 <sup>3</sup>	4,527.3	797.2	926.2	594.9	1,560.6	648.4	3,266.1	503.5	508.9	521.1	1,286.0	446.6	1,261.2	293.8	417.3	73.8	274.6	201.8

<sup>1</sup>Includes the United Kingdom.

<sup>2</sup>Includes Mexico.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (52). Data for selected years 1929-49 in *The demand and price situation for forest products, 1964, table 12 (31)*.

Table 34.—Lumber<sup>1</sup> production in Canada, by softwoods and hardwoods and region, 1960-88

[Billion board feet]

Year	All species	Softwoods					Hardwoods		
		Total	British Columbia <sup>2</sup>			Other Canada	Total	British Columbia	Other Canada
			Total	Coast	Interior				
1960 .....	8.0	7.6	5.3	2.8	2.5	2.3	0.4	....	0.4
1961 .....	8.2	7.8	5.6	3.0	2.7	2.2	.4	....	.4
1962 .....	8.8	8.4	6.0	3.0	3.0	2.4	.4	....	.4
1963 .....	9.9	9.4	6.7	3.4	3.3	2.7	.5	....	.5
1964 .....	10.3	9.8	7.1	3.5	3.6	2.7	.5	....	.5
1965 .....	10.8	10.3	7.4	3.6	3.8	2.9	.5	....	.5
1966 .....	10.6	10.0	7.3	3.7	3.6	2.7	.6	....	.6
1967 .....	10.3	9.7	7.1	3.9	3.2	2.6	.6	....	.6
1968 .....	11.4	10.8	7.8	4.1	3.7	3.0	.6	( <sup>3</sup> )	.6
1969 .....	11.5	11.0	7.7	3.8	3.9	3.3	.5	( <sup>3</sup> )	.5
1970 .....	11.3	10.8	7.7	3.8	3.9	3.1	.5	( <sup>3</sup> )	.5
1971 .....	12.7	12.3	8.9	4.2	4.8	3.3	.5	( <sup>3</sup> )	.5
1972 .....	14.0	13.4	9.5	4.0	5.5	3.9	.5	( <sup>3</sup> )	.5
1973 .....	15.5	14.9	10.4	4.4	6.0	4.5	.6	( <sup>3</sup> )	.6
1974 .....	13.6	13.0	8.7	3.4	5.3	4.3	.6	( <sup>3</sup> )	.6
1975 .....	11.6	11.2	7.4	2.5	4.9	3.7	.4	( <sup>3</sup> )	.4
1976 .....	15.6	15.1	10.6	4.0	6.6	4.5	.5	( <sup>3</sup> )	.5
1977 .....	17.6	17.2	12.0	4.5	7.5	5.2	.4	( <sup>3</sup> )	.4
1978 .....	19.0	18.5	12.5	4.8	7.7	5.9	.6	( <sup>3</sup> )	.6
1979 .....	19.8	19.3	12.9	4.7	8.2	6.4	.5	( <sup>3</sup> )	.5
1980 .....	19.0	18.4	12.0	4.2	7.7	6.5	.6	( <sup>3</sup> )	.6
1981 .....	17.0	16.6	10.4	3.5	6.9	6.2	.4	( <sup>3</sup> )	.4
1982 .....	15.6	15.2	9.9	3.0	6.9	5.3	.4	( <sup>3</sup> )	.4
1983 .....	20.6	20.2	13.0	4.1	8.9	7.1	.4	( <sup>3</sup> )	.4
1984 .....	20.8	20.2	13.1	3.9	9.2	7.1	.5	( <sup>3</sup> )	.5
1985 .....	22.1	21.7	13.6	3.6	10.0	8.0	.4	( <sup>3</sup> )	.4
1986 <sup>4</sup> .....	22.5	22.0	13.1	3.7	9.4	8.8	.5	( <sup>3</sup> )	.5
1987 <sup>4</sup> .....	26.2	25.6	15.9	4.7	11.2	9.7	.6	( <sup>3</sup> )	.6
1988 <sup>4</sup> .....	25.7	25.1	15.6	4.6	11.0	9.5	.6	( <sup>3</sup> )	.6

<sup>1</sup>Does not include sawn ties.

<sup>2</sup>Includes small volumes of hardwoods.

<sup>3</sup>Less than 50 million board feet.

<sup>4</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: Statistics Canada (24, 25, 26).



Table 35.—Producer price indexes for lumber and selected nonwood competing materials, 1960-88

[1982=100]

Year	All commodities	Lumber and wood products		All lumber		Softwood lumber						All hardwood lumber	
						All		Douglas-fir		Southern pine			
		Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>
1960 .....	31.7	33.5	105.7	29.6	93.4	28.8	90.9	33.5	105.7	32.8	103.5	34.6	109.1
1961 .....	31.6	32.0	101.3	28.1	88.9	27.3	86.4	32.2	101.9	31.4	99.4	32.8	103.8
1962 .....	31.7	32.2	101.6	28.6	90.2	28.0	88.3	33.1	104.4	31.4	99.1	32.8	103.5
1963 .....	31.6	32.8	103.8	29.3	92.7	28.6	90.5	34.4	108.9	31.3	99.1	33.8	107.0
1964 .....	31.6	33.5	106.0	29.9	94.6	29.0	91.8	35.0	110.8	31.3	99.1	35.1	111.1
1965 .....	32.3	33.7	104.3	30.2	93.5	28.9	89.5	34.7	107.4	31.9	98.8	37.1	114.9
1966 .....	33.3	35.2	105.7	32.2	96.7	30.4	91.3	36.4	109.3	35.0	105.1	41.4	124.3
1967 .....	33.4	35.1	105.1	32.2	96.4	31.1	93.1	37.6	112.6	35.0	104.8	38.1	114.1
1968 .....	34.2	39.8	116.4	37.8	110.5	37.5	109.6	45.2	132.2	39.8	116.4	39.8	116.4
1969 .....	35.6	44.0	123.6	42.3	118.8	41.8	117.4	49.5	139.0	44.1	123.9	45.8	128.7
1970 .....	36.9	39.9	108.1	36.6	99.2	35.2	95.4	40.8	110.6	40.1	108.7	43.7	118.4
1971 .....	38.1	44.7	117.3	43.8	115.0	44.0	115.5	52.7	138.3	46.9	123.1	43.2	113.4
1972 .....	39.8	50.7	127.4	51.3	128.9	52.1	130.9	60.5	152.0	53.0	133.2	48.1	120.9
1973 .....	45.0	62.2	138.2	66.0	146.7	66.6	148.0	78.7	174.9	65.7	146.0	64.4	143.1
1974 .....	53.5	64.5	120.6	66.6	124.5	65.7	122.8	80.3	150.1	64.5	120.6	72.2	135.0
1975 .....	58.4	62.1	106.3	61.9	106.0	62.4	106.8	79.6	136.3	61.3	105.0	61.1	104.6
1976 .....	61.1	72.2	118.2	75.0	122.7	77.1	126.2	94.2	154.2	76.0	124.4	67.1	109.8
1977 .....	64.9	83.0	127.9	89.0	137.1	92.5	142.5	109.5	168.7	91.8	141.4	76.3	117.6
1978 .....	69.9	96.9	138.6	103.7	148.4	107.6	153.9	127.6	182.5	106.5	152.4	89.9	128.6
1979 .....	78.7	105.5	134.1	114.0	144.9	118.1	150.1	144.2	183.2	113.4	144.1	99.1	125.9
1980 .....	89.8	101.5	113.0	104.9	116.8	107.3	119.5	132.6	147.7	104.0	115.8	96.0	106.9
1981 .....	98.0	102.8	104.9	104.6	106.7	106.6	108.8	117.1	119.5	102.0	104.1	97.3	99.3
1982 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983 .....	101.3	107.9	106.5	113.5	112.0	115.0	113.5	135.8	134.1	111.9	110.5	108.1	106.7
1984 .....	103.7	108.0	104.1	112.5	108.5	110.0	106.1	123.2	118.8	111.9	107.9	121.8	117.5
1985 .....	103.2	106.6	103.3	109.6	106.2	107.4	104.1	126.5	122.6	105.2	101.9	117.1	113.5
1986 .....	100.2	107.2	107.0	110.5	110.3	108.4	108.2	124.5	124.3	104.9	104.7	118.2	118.0
1987 .....	102.8	112.8	109.7	118.2	115.0	116.1	112.9	125.1	121.7	114.1	111.0	126.8	123.3
January .....	100.5	108.1	107.6	111.9	111.3	109.1	108.6	118.2	117.6	103.5	103.0	121.8	121.2
February .....	101.0	109.4	108.3	114.4	113.3	112.2	111.1	122.6	121.4	106.8	105.7	123.0	121.8
March .....	101.2	110.6	109.3	116.0	114.6	114.1	112.7	122.4	120.9	111.5	110.2	124.2	122.7
April .....	101.9	110.7	108.6	116.8	114.6	114.9	112.8	122.7	120.4	112.8	110.7	125.1	122.8
May .....	102.6	110.7	107.9	116.9	113.9	114.6	111.7	121.3	118.2	111.5	108.7	126.0	122.8
June .....	103.0	111.4	108.2	117.9	114.5	115.9	112.5	121.5	118.0	116.1	112.7	126.5	122.8
July .....	103.5	112.4	108.6	119.7	115.7	118.1	114.1	124.6	120.4	122.9	118.7	127.3	123.0
August .....	103.8	113.7	109.5	120.2	115.8	119.0	114.6	127.6	122.9	120.7	116.3	127.3	122.6
September .....	103.7	116.2	112.1	123.3	118.9	123.1	118.7	138.2	133.3	120.8	116.5	128.5	123.9
October .....	104.1	116.1	111.5	120.5	115.8	118.2	113.5	128.2	123.2	113.7	109.2	129.7	124.6
November .....	104.2	116.9	112.2	120.4	115.5	117.4	112.7	126.1	121.0	113.5	108.9	130.9	125.6
December .....	104.2	117.1	112.4	120.3	115.5	117.0	112.3	127.7	122.6	115.9	111.2	131.4	126.1
1988 .....	106.9	118.9	111.2	122.1	114.2	120.0	112.3	135.7	126.9	112.4	105.1	131.0	122.5
January .....	104.6	117.8	112.6	120.8	115.5	117.6	112.4	129.8	124.1	118.1	112.9	131.7	125.9
February .....	104.8	118.4	113.0	121.5	115.9	118.6	113.2	130.9	124.9	119.6	114.1	131.9	125.9
March .....	104.9	118.9	113.3	123.0	117.3	120.2	114.6	131.6	125.5	118.4	112.9	133.0	126.8
April .....	105.8	119.2	112.7	123.9	117.1	121.5	114.8	134.2	126.8	118.6	112.1	133.5	126.2
May .....	106.5	119.1	111.8	123.8	116.2	121.2	113.8	132.0	123.9	115.7	108.6	133.8	125.6
June .....	107.2	119.3	111.3	124.4	116.0	122.3	114.1	135.7	126.6	115.2	107.5	133.3	124.3
July .....	107.9	120.0	111.2	125.1	115.9	124.3	115.2	140.6	130.3	114.9	106.5	131.6	122.0
August .....	108.0	118.8	110.0	123.2	114.1	121.6	112.6	138.6	128.3	106.3	98.4	131.1	121.4
September .....	108.1	118.9	110.0	120.9	111.8	119.3	110.4	142.7	132.0	101.6	94.0	128.9	119.2
October .....	108.2	118.7	109.7	120.0	110.9	118.3	109.3	140.5	129.9	102.9	95.1	128.1	118.4
November .....	108.3	118.8	109.7	119.9	110.7	118.5	109.4	138.7	128.1	108.5	100.2	127.4	117.6
December .....	109.0	119.0	109.2	118.8	109.0	116.9	107.2	133.6	122.6	109.5	100.5	127.2	116.7

See footnotes at end of table.



Table 35.—Producer price indexes for lumber and selected nonwood competing materials, 1960-88—Continued

[1982=100]

Year	Metals and metal products		Metal doors, sash, and trim		Flat glass		Concrete products		Ready-mixed concrete	
	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>
1960 .....	30.6	96.5	34.0	107.3	.....	.....	32.6	102.8	31.6	99.7
1961 .....	30.5	96.5	33.9	107.3	.....	.....	32.6	103.2	31.7	100.3
1962 .....	30.2	95.3	33.7	106.3	.....	.....	32.7	103.2	31.8	100.3
1963 .....	30.3	95.9	32.9	104.1	.....	.....	32.4	102.5	31.7	100.3
1964 .....	31.1	98.4	33.0	104.4	.....	.....	32.1	101.6	31.4	99.4
1965 .....	32.0	99.1	32.8	101.5	.....	.....	32.3	100.0	31.6	97.8
1966 .....	32.8	98.5	33.6	100.9	.....	.....	32.8	98.5	32.0	96.1
1967 .....	33.2	99.4	34.4	103.0	45.2	135.3	33.6	100.6	32.7	97.9
1968 .....	34.0	99.4	35.8	104.7	47.1	137.7	34.5	100.9	33.6	98.2
1969 .....	36.0	101.1	37.3	104.8	49.5	139.0	35.8	100.6	35.1	98.6
1970 .....	38.7	104.9	38.9	105.4	52.2	141.5	37.7	102.2	37.1	100.5
1971 .....	39.4	103.4	40.5	106.3	55.6	145.9	40.5	106.3	40.1	105.2
1972 .....	40.9	102.8	41.5	104.3	55.3	138.9	42.2	106.0	41.8	105.0
1973 .....	44.0	97.8	42.9	95.3	54.8	121.8	44.2	98.2	43.6	96.9
1974 .....	57.0	106.5	50.7	94.8	58.2	108.8	50.9	95.1	50.1	93.6
1975 .....	61.5	105.3	55.9	95.7	62.8	107.5	57.3	98.1	56.2	96.2
1976 .....	65.0	106.4	59.0	96.6	67.7	110.8	60.5	99.0	60.2	98.5
1977 .....	69.3	106.8	64.9	100.0	72.6	111.9	64.4	99.2	64.3	99.1
1978 .....	75.3	107.7	71.5	102.3	78.0	111.6	71.9	102.9	71.6	102.4
1979 .....	86.0	109.3	79.0	100.4	83.0	105.5	82.0	104.2	81.6	103.7
1980 .....	95.0	105.8	87.8	97.8	88.7	98.8	92.0	102.4	92.0	102.4
1981 .....	99.6	101.6	96.0	98.0	96.0	98.0	97.8	99.8	98.1	100.1
1982 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983 .....	101.8	100.5	102.8	101.5	103.7	102.4	101.4	100.1	101.3	100.0
1984 .....	104.8	101.1	106.6	102.8	101.4	97.8	103.9	100.2	104.3	100.6
1985 .....	104.4	101.2	107.3	104.0	101.7	98.5	107.5	104.2	107.1	103.8
1986 .....	103.2	103.0	108.9	108.7	104.5	104.3	109.2	109.0	107.7	107.5
1987 .....	107.1	104.2	112.0	108.9	107.2	104.3	109.4	106.4	107.3	104.4
January .....	103.7	103.2	110.6	110.0	105.5	105.0	109.4	108.9	107.4	106.9
February .....	103.8	102.8	110.6	109.5	105.6	104.6	109.4	108.3	107.3	106.2
March .....	104.0	102.8	110.6	109.3	106.8	105.5	109.2	107.9	107.0	105.7
April .....	104.4	102.5	110.8	108.7	106.8	104.8	109.3	107.3	107.3	105.3
May .....	105.2	102.5	111.2	108.4	106.4	103.7	109.4	106.6	107.3	104.6
June .....	105.8	102.7	111.3	108.1	107.2	104.1	109.3	106.1	107.3	104.2
July .....	106.7	103.1	111.8	108.0	107.4	103.8	109.4	105.7	107.4	103.8
August .....	107.7	103.8	112.3	108.2	107.7	103.8	109.3	105.3	107.5	103.6
September .....	108.8	104.9	113.1	109.1	107.5	103.7	109.4	105.5	107.4	103.6
October .....	110.8	106.4	113.7	109.2	108.3	104.0	109.4	105.1	107.4	103.2
November .....	111.7	107.2	114.0	109.4	108.4	104.0	109.6	105.2	107.5	103.2
December .....	112.9	108.3	114.1	109.5	109.3	104.9	109.4	105.0	107.3	103.0
1988 .....	118.7	111.0	122.4	114.5	109.7	102.6	110.0	102.9	107.9	100.9
January .....	114.4	109.4	114.9	109.8	108.0	103.3	109.7	104.9	107.6	102.9
February .....	114.7	109.4	115.4	110.1	108.4	103.4	109.8	104.8	107.8	102.9
March .....	115.4	110.0	117.2	111.7	109.0	103.9	109.8	104.7	107.9	102.9
April .....	116.9	110.5	120.2	113.6	109.1	103.1	109.7	103.7	107.5	101.6
May .....	117.4	110.2	121.5	114.1	109.7	103.0	109.9	103.2	107.7	101.1
June .....	118.0	110.1	122.5	114.3	109.1	101.8	110.1	102.7	107.9	100.7
July .....	119.2	110.5	124.6	115.5	109.6	101.6	110.1	102.0	107.8	99.9
August .....	119.8	110.9	125.3	116.0	110.2	102.0	110.1	101.9	108.0	100.0
September .....	120.2	111.2	126.7	117.2	110.5	102.2	109.9	101.7	107.7	99.6
October .....	121.4	112.2	126.6	117.0	110.3	101.9	109.9	101.6	107.8	99.6
November .....	122.8	113.4	126.7	117.0	110.5	102.0	110.2	101.8	108.1	99.8
December .....	124.0	113.8	127.5	117.0	111.5	102.3	110.3	101.2	108.5	99.5

See footnotes at end of table.

Table 35.—Producer price indexes for lumber and selected nonwood competing materials, 1960-88—Continued

[1982=100]

Year	Ceramic tile <sup>1</sup>		Prepared asphalt roofing <sup>2</sup>		Gypsum products		Soft surface floor covering		Hard surface floor covering	
	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>
1960 .....	46.2	145.7	27.3	86.1	38.7	122.1	70.2	221.5	40.8	128.7
1961 .....	46.5	147.2	29.4	93.0	39.4	124.7	68.3	216.1	41.3	130.7
1962 .....	46.8	147.6	28.3	89.3	39.9	125.9	67.1	211.7	40.0	126.2
1963 .....	46.8	148.1	26.9	85.1	40.0	126.6	66.3	209.8	40.4	127.8
1964 .....	46.5	147.2	26.5	83.9	41.1	130.1	68.7	217.4	41.2	130.4
1965 .....	46.7	144.6	27.7	85.8	39.5	122.3	66.3	205.3	41.5	128.5
1966 .....	47.3	142.0	29.0	87.1	38.9	116.8	66.0	198.2	41.2	123.7
1967 .....	48.3	144.6	28.3	84.7	39.1	117.1	62.9	188.3	40.9	122.5
1968 .....	49.7	145.3	29.4	86.0	40.5	118.4	63.3	185.1	42.0	122.8
1969 .....	51.3	144.1	29.3	82.3	40.5	113.8	63.3	177.8	40.9	114.9
1970 .....	52.7	142.8	28.8	78.0	38.9	105.4	62.2	168.6	41.0	111.1
1971 .....	55.1	144.6	35.8	94.0	42.7	112.1	60.8	159.6	42.5	111.5
1972 .....	55.3	138.9	37.8	95.0	44.8	112.6	60.4	151.8	42.7	107.3
1973 .....	57.5	127.8	39.2	87.1	47.2	104.9	63.5	141.1	43.0	95.6
1974 .....	62.8	117.4	53.8	100.6	53.7	100.4	69.7	130.3	51.4	96.1
1975 .....	70.2	120.2	61.7	105.7	56.2	96.2	72.0	123.3	60.7	103.9
1976 .....	75.4	123.4	65.5	107.2	60.3	98.7	74.1	121.3	66.7	109.2
1977 .....	76.7	118.2	69.8	107.6	71.7	110.5	76.7	118.2	70.3	108.3
1978 .....	76.3	109.2	81.7	116.9	89.5	128.0	79.4	113.6	73.8	105.6
1979 .....	82.7	105.1	89.2	113.3	98.5	125.2	81.7	103.8	81.4	103.4
1980 .....	87.5	97.4	105.5	117.5	100.1	111.5	89.0	99.1	93.3	103.9
1981 .....	95.0	96.9	101.6	103.7	100.1	102.1	98.8	100.8	98.2	100.2
1982 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983 .....	103.8	102.5	94.1	92.9	111.7	110.3	102.2	100.9	102.8	101.5
1984 .....	107.7	103.9	97.7	94.2	135.4	130.6	105.3	101.5	106.0	102.2
1985 .....	113.3	109.8	100.5	97.4	132.3	128.2	104.3	101.1	110.5	107.1
1986 .....	119.0	118.8	96.8	96.6	137.0	136.7	107.0	106.8	113.4	113.2
1987 .....	123.1	119.7	91.9	89.4	125.2	121.8	109.3	106.3	116.1	112.9
January .....	120.5	119.9	91.3	90.8	133.9	133.2	108.9	108.4	114.8	114.2
February .....	119.1	117.9	91.3	90.4	131.8	130.5	108.7	107.6	114.9	113.8
March .....	119.8	118.4	91.0	89.9	127.1	125.6	108.5	107.2	114.9	113.5
April .....	121.9	119.6	91.2	89.5	127.2	124.8	108.3	106.3	115.7	113.5
May .....	122.6	119.5	91.0	88.7	129.5	126.2	108.2	105.5	115.7	112.8
June .....	123.4	119.8	90.4	87.8	128.0	124.3	108.8	105.6	114.3	111.0
July .....	123.1	118.9	89.9	86.9	124.0	119.8	109.8	106.1	115.5	111.6
August .....	125.5	120.9	92.3	88.9	119.5	115.1	110.2	106.2	115.6	111.4
September .....	124.6	120.2	93.1	89.8	118.8	114.6	110.2	106.3	116.2	112.1
October .....	125.5	120.6	93.4	89.7	119.8	115.1	110.2	105.9	118.6	113.9
November .....	125.7	120.6	94.0	90.2	120.8	115.9	110.2	105.8	118.6	113.8
December .....	125.9	120.8	93.9	90.1	121.5	116.6	109.9	105.5	118.7	113.9
1988 .....	127.2	119.0	94.4	88.3	112.9	105.6	112.9	105.6	122.5	114.6
January .....	124.9	119.4	92.6	88.5	120.9	115.6	111.2	106.3	119.8	114.5
February .....	126.2	120.4	91.9	87.7	116.7	111.4	111.4	106.3	120.2	114.7
March .....	126.3	120.4	92.8	88.5	113.3	108.0	111.2	106.0	120.2	114.6
April .....	125.1	118.2	92.5	87.4	111.7	105.6	111.7	105.6	120.5	113.9
May .....	126.5	118.8	92.4	86.8	112.7	105.8	112.2	105.4	120.1	112.8
June .....	127.9	119.3	94.3	88.0	110.4	103.0	111.9	104.4	120.5	112.4
July .....	129.2	119.7	95.8	88.8	108.6	100.6	112.7	104.4	122.5	113.5
August .....	127.0	117.6	95.4	88.3	108.0	100.0	113.4	105.0	123.3	114.2
September .....	127.1	117.6	96.2	89.0	110.6	102.3	114.0	105.5	124.2	114.9
October .....	128.3	118.6	97.2	89.8	113.6	105.0	114.5	105.8	125.8	116.3
November .....	128.4	118.6	95.8	88.5	114.6	105.8	115.2	106.4	125.8	116.2
December .....	129.8	119.1	95.3	87.4	113.9	104.5	115.0	105.5	126.8	116.3

<sup>1</sup>Ceramic floor and wall tile.

<sup>2</sup>Prepared asphalt and tar roofing, and siding products.

<sup>3</sup>Derived by dividing the actual price index by the all commodities price index.

Source: U.S. Department of Labor, Bureau of Labor Statistics (63).

Table 36.—Relative<sup>1</sup> producer price index for lumber, 1800-1988

[1982=100]

Year	All lumber	Year	All lumber	Year	All lumber	Year	All lumber	Year	All lumber
1800 .....	6.2	1840 .....	15.5	1880 .....	23.9	1920 .....	51.8	1960 .....	93.4
1801 .....	6.4	1841 .....	16.1	1881 .....	25.6	1921 .....	44.3	1961 .....	88.9
1802 .....	7.7	1842 .....	15.9	1882 .....	26.0	1922 .....	49.7	1962 .....	90.2
1803 .....	6.6	1843 .....	15.6	1883 .....	25.8	1923 .....	53.9	1963 .....	92.7
1804 .....	6.6	1844 .....	16.4	1884 .....	27.6	1924 .....	49.1	1964 .....	94.6
1805 .....	6.7	1845 .....	18.1	1885 .....	28.3	1925 .....	47.3	1965 .....	93.5
1806 .....	6.8	1846 .....	17.1	1886 .....	29.2	1926 .....	47.1	1966 .....	96.7
1807 .....	7.3	1847 .....	16.5	1887 .....	29.3	1927 .....	46.1	1967 .....	96.4
1808 .....	7.1	1848 .....	17.2	1888 .....	28.5	1928 .....	43.7	1968 .....	110.5
1809 .....	6.7	1849 .....	17.4	1889 .....	28.5	1929 .....	46.3	1969 .....	118.8
1810 .....	6.3	1850 .....	18.3	1890 .....	29.1	1930 .....	46.3	1970 .....	99.2
1811 .....	6.3	1851 .....	17.6	1891 .....	28.6	1931 .....	44.4	1971 .....	115.0
1812 .....	5.9	1852 .....	19.4	1892 .....	29.8	1932 .....	42.9	1972 .....	128.9
1813 .....	5.3	1853 .....	18.7	1893 .....	29.4	1933 .....	50.0	1973 .....	146.7
1814 .....	4.5	1854 .....	18.3	1894 .....	32.5	1934 .....	52.7	1974 .....	124.5
1815 .....	7.9	1855 .....	19.3	1895 .....	30.3	1935 .....	47.8	1975 .....	106.0
1816 .....	8.8	1856 .....	19.7	1896 .....	32.0	1936 .....	50.4	1976 .....	122.7
1817 .....	7.7	1857 .....	20.3	1897 .....	31.0	1937 .....	54.4	1977 .....	137.1
1818 .....	7.2	1858 .....	20.2	1898 .....	31.3	1938 .....	52.6	1978 .....	148.4
1819 .....	8.3	1859 .....	19.7	1899 .....	32.1	1939 .....	56.4	1979 .....	144.9
1820 .....	9.2	1860 .....	19.7	1900 .....	33.1	1940 .....	61.5	1980 .....	116.8
1821 .....	9.2	1861 .....	19.2	1901 .....	33.7	1941 .....	65.6	1981 .....	106.7
1822 .....	8.7	1862 .....	17.5	1902 .....	33.0	1942 .....	62.9	1982 .....	100.0
1823 .....	9.3	1863 .....	16.8	1903 .....	35.0	1943 .....	64.0	1983 .....	112.0
1824 .....	9.4	1864 .....	16.8	1904 .....	32.7	1944 .....	69.3	1984 .....	108.5
1825 .....	9.8	1865 .....	15.6	1905 .....	34.7	1945 .....	68.7	1985 .....	106.2
1826 .....	10.5	1866 .....	19.6	1906 .....	41.0	1946 .....	69.2	1986 .....	110.3
1827 .....	10.6	1867 .....	20.8	1907 .....	39.1	1947 .....	89.8	1987 .....	115.0
1828 .....	11.1	1868 .....	21.5	1908 .....	37.5	1948 .....	94.2	1988 .....	114.2
1829 .....	11.0	1869 .....	21.0	1909 .....	34.9	1949 .....	90.9		
1830 .....	10.8	1870 .....	21.5	1910 .....	33.1	1950 .....	102.2		
1831 .....	10.8	1871 .....	22.7	1911 .....	35.5	1951 .....	99.3		
1832 .....	10.7	1872 .....	23.1	1912 .....	35.9	1952 .....	99.3		
1833 .....	11.2	1873 .....	23.5	1913 .....	37.5	1953 .....	99.7		
1834 .....	12.3	1874 .....	23.2	1914 .....	35.6	1954 .....	97.6		
1835 .....	10.9	1875 .....	22.2	1915 .....	34.0	1955 .....	103.8		
1836 .....	9.9	1876 .....	22.7	1916 .....	31.2	1956 .....	102.6		
1837 .....	14.2	1877 .....	22.9	1917 .....	29.8	1957 .....	93.6		
1838 .....	14.8	1878 .....	22.9	1918 .....	30.9	1958 .....	91.1		
1839 .....	14.1	1879 .....	24.6	1919 .....	39.5	1959 .....	97.8		

<sup>1</sup>Derived by dividing the actual price index by the all commodities price index.

Sources: 1800-1914, Cornell University Agricultural Experiment Station (9); 1915-88, U.S. Department of Labor Bureau of Labor Statistics (63).

Table 37.—Plywood production, imports, exports, and consumption, by softwoods and hardwoods, 1960-88  
[3/8-inch basis]

Year	Production			Imports			Exports			Consumption			Per capita consumption		
	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods
	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Square feet	Square feet	Square feet
1960 .....	8,861	7,759	1,102	725	11	715	15	13	2	9,571	7,757	1,814	53	43	10
1961 .....	9,801	8,496	1,305	739	13	727	17	14	3	10,523	8,495	2,028	57	46	11
1962 .....	10,831	9,315	1,516	903	13	891	19	17	2	11,716	9,311	2,404	63	50	13
1963 .....	12,058	10,375	1,683	945	10	935	19	18	1	12,984	10,367	2,617	69	55	14
1964 .....	13,366	11,455	1,912	1,045	5	1,040	31	28	2	14,380	11,431	2,949	75	60	15
1965 .....	14,477	12,428	2,049	1,052	5	1,047	37	30	6	15,492	12,402	3,090	80	64	16
1966 .....	14,925	12,849	2,076	1,257	3	1,254	56	48	8	16,126	12,804	3,321	82	65	17
1967 .....	14,756	12,840	1,916	1,247	3	1,244	93	85	8	15,909	12,758	3,152	80	64	16
1968 .....	16,395	14,385	2,009	1,896	10	1,886	78	64	14	18,213	14,332	3,882	91	71	19
1969 .....	15,407	13,538	1,869	2,121	15	2,107	215	199	16	17,314	13,354	3,960	85	66	20
1970 .....	15,945	14,149	1,796	2,049	2	2,047	172	114	58	17,822	14,038	3,784	87	68	18
1971 .....	18,277	16,353	1,924	2,545	3	2,542	114	99	15	20,708	16,258	4,450	100	78	21
1972 .....	19,873	17,843	2,030	3,162	6	3,156	247	221	26	22,788	17,629	5,159	109	84	25
1973 .....	19,736	17,929	1,807	2,536	9	2,527	452	411	40	21,820	17,527	4,293	103	83	20
1974 .....	16,707	15,306	1,401	1,649	4	1,644	610	542	68	17,746	14,769	2,977	83	69	14
1975 .....	16,758	15,706	1,052	1,925	7	1,918	859	791	68	17,823	14,922	2,902	83	69	13
1976 .....	18,989	17,906	1,083	2,368	12	2,356	795	716	79	20,561	17,202	3,360	94	79	15
1977 .....	20,065	18,877	1,187	2,273	18	2,254	357	287	70	21,981	18,609	3,372	100	85	15
1978 .....	20,676	19,492	1,185	2,555	63	2,492	328	298	30	22,903	19,257	3,646	103	87	16
1979 .....	19,354	18,204	1,150	2,097	27	2,070	430	402	29	21,021	17,829	3,192	93	79	14
1980 .....	16,521	15,483	1,038	1,235	37	1,198	413	373	39	17,344	15,147	2,197	76	67	10
1981 .....	16,499	15,524	976	1,511	30	1,482	733	686	47	17,277	14,867	2,410	75	65	10
1982 .....	16,055	15,134	921	1,125	21	1,104	487	452	35	16,693	14,703	1,990	72	63	9
1983 .....	19,270	18,281	989	1,690	47	1,643	609	574	35	20,351	17,754	2,597	87	76	11
1984 .....	19,803	18,865	939	1,538	73	1,464	402	371	31	20,939	18,567	2,372	88	78	10
1985 .....	20,145	19,341	805	1,817	87	1,729	358	321	38	21,604	19,107	2,496	90	80	10
1986 .....	21,224	20,363	861	2,002	132	1,870	647	596	52	22,579	19,899	2,680	93	82	11
1987 .....	23,307	22,312	995	2,083	144	1,940	846	796	51	24,544	21,660	2,884	101	89	12
1988 <sup>3</sup> .....	23,077	22,089	988	1,698	96	1,602	1,092	1,004	89	23,682	21,181	2,501	96	86	10

<sup>1</sup>Includes mixed species (not classified as hardwoods or softwoods).

<sup>2</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of Census (41, 51, 52, 53); American Plywood Association (5).



*Table 38.—Production, imports, exports, and consumption of structural panel products, by type, 1980-88*

[Million square feet, 3/8-inch basis]

Year	Production			Imports		
	Total	Softwood plywood	Other structural panels <sup>1</sup>	Total	Softwood plywood	Other structural panels <sup>1 2</sup>
1980 .....	16,468	16,272	196	360	37	323
1981 .....	17,023	16,681	342	349	30	319
1982 .....	16,403	15,806	597	280	21	259
1983 .....	20,821	19,541	1,280	452	47	405
1984 .....	21,968	19,880	2,088	752	73	679
1985 .....	22,838	20,169	2,669	881	87	794
1986 .....	25,633	22,088	3,545	792	132	660
1987 .....	27,001	22,899	4,102	904	144	760
1988 <sup>4</sup> .....	27,203	22,599	4,604	911	96	815

Year	Exports			Consumption		
	Total	Softwood plywood	Other structural panels <sup>1</sup>	Total	Softwood plywood	Other structural panels <sup>1</sup>
1980 .....	373	373	( <sup>3</sup> )	16,455	15,936	519
1981 .....	686	686	( <sup>3</sup> )	16,686	16,025	661
1982 .....	452	452	( <sup>3</sup> )	16,231	15,375	856
1983 .....	574	574	( <sup>3</sup> )	20,699	19,014	1,685
1984 .....	371	371	( <sup>3</sup> )	22,349	19,582	2,767
1985 .....	321	321	( <sup>3</sup> )	23,398	19,935	3,463
1986 .....	596	596	( <sup>3</sup> )	25,829	21,624	4,205
1987 .....	796	796	( <sup>3</sup> )	27,109	22,247	4,862
1988 <sup>4</sup> .....	1,004	1,004	( <sup>3</sup> )	27,110	21,691	5,419

<sup>1</sup>Oriented strand board and waferboard.

<sup>2</sup>Based on Canadian export data. Industry sources estimate that about 95 percent of Canadian exports are to United States markets.

<sup>3</sup>Not available.

<sup>4</sup>Preliminary.

NOTE: Softwood plywood production figures in this series differ from those reported by the U.S. Department of Commerce, Bureau of the Census (Table 37).

Sources: American Plywood Association (6); U.S. Department of Commerce, Bureau of the Census (52, 53).

Table 39.—Hardwood<sup>1</sup> plywood imports, by country of origin, 1960-88  
[Million square feet, surface measure]

Year	Latin America				Asia											
	Total	Canada	Total	Mexico	Central America and West Indies	South America	Total	Japan	Philippines	China, Taiwan	Korea	Indonesia	Other Asia	Africa	Europe	Other <sup>2</sup>
1960 .....	1,014.0	43.0	13.8	2.5	1.8	9.5	857.1	688.3	118.8	45.4	0.2	....	4.4	16.7	83.2	0.2
1961 .....	1,097.4	42.1	17.7	1.4	2.5	13.9	962.0	660.5	153.4	108.6	15.9	....	23.7	14.6	58.6	2.4
1962 .....	1,438.9	56.6	15.6	1.3	.7	13.7	1,269.2	740.1	214.4	212.5	51.4	....	50.8	13.8	83.7	....
1963 .....	1,620.7	71.9	18.8	1.2	1.2	16.4	1,428.4	739.8	246.7	273.0	120.3	....	48.6	9.1	92.5	( <sup>3</sup> )
1964 .....	1,947.2	68.1	13.7	.2	2.2	11.3	1,747.2	680.5	355.5	461.3	205.4	....	44.4	9.3	108.8	....
1965 .....	2,132.9	64.5	10.9	( <sup>3</sup> )	( <sup>3</sup> )	10.8	1,932.3	768.0	307.8	368.2	336.7	....	51.7	6.8	118.3	....
1966 .....	2,553.8	64.1	8.7	....	....	8.7	2,329.0	783.4	397.9	528.8	573.6	....	45.2	6.6	145.1	.2
1967 .....	2,532.7	48.0	8.1	( <sup>3</sup> )	....	8.1	2,355.9	632.3	471.5	485.4	702.0	....	64.8	2.4	118.2	( <sup>3</sup> )
1968 .....	3,841.2	53.0	12.1	....	1.0	11.2	3,619.1	921.3	602.2	829.6	1,167.2	....	98.8	1.0	156.0	( <sup>3</sup> )
1969 .....	4,290.3	40.6	11.7	.1	4.0	7.6	4,034.9	802.3	572.1	936.0	1,589.8	....	143.6	1.8	192.3	( <sup>3</sup> )
1970 .....	4,168.2	24.9	10.2	( <sup>3</sup> )	1.9	8.3	3,996.3	623.5	570.9	939.6	1,787.3	....	75.0	.5	136.1	.1
1971 .....	5,176.7	45.8	13.8	....	1.3	12.5	4,989.7	598.3	592.2	1,395.5	2,251.3	0.1	152.3	( <sup>3</sup> )	127.3	.1
1972 .....	6,427.3	69.5	20.4	....	8.7	11.8	6,215.9	519.1	644.2	2,021.9	2,865.6	....	165.2	.1	121.3	.1
1973 .....	5,146.7	74.4	17.9	....	4.5	13.5	4,959.6	341.0	695.3	1,367.2	2,443.0	....	113.1	.5	94.0	.2
1974 .....	3,349.0	46.8	18.7	....	1.0	17.8	3,228.9	244.3	279.3	937.2	1,694.7	....	73.5	....	48.2	6.3
1975 .....	3,906.2	50.4	15.8	....	7.5	8.3	3,805.0	240.5	224.1	1,011.8	2,290.0	....	38.7	....	30.8	4.3
1976 .....	4,797.9	53.6	18.3	....	6.8	11.5	4,668.8	312.5	352.9	1,189.4	2,785.7	....	28.2	.5	47.6	9.1
1977 .....	4,590.8	69.3	24.8	....	5.1	19.7	4,445.3	356.1	231.0	1,149.1	2,676.9	....	32.2	....	44.2	7.1
1978 .....	5,075.9	75.3	29.6	.1	5.9	23.6	4,922.3	255.6	312.4	1,752.8	2,493.0	64.3	44.1	.7	48.1	.1
1979 .....	4,216.3	82.2	53.7	( <sup>3</sup> )	2.4	51.3	4,039.6	192.7	367.3	1,523.1	1,836.7	95.5	24.3	( <sup>3</sup> )	40.8	( <sup>3</sup> )
1980 .....	2,440.4	72.8	46.1	....	3.7	42.4	2,290.5	150.4	246.7	859.8	902.1	120.8	10.7	( <sup>3</sup> )	30.6	.5
1981 .....	3,017.5	64.7	30.4	....	4.4	26.0	2,884.4	139.8	436.7	1,080.9	943.7	271.7	11.6	.1	37.9	....
1982 .....	2,249.3	54.5	24.3	....	2.5	21.8	2,146.3	95.8	161.3	850.6	559.6	473.9	5.2	....	24.1	.1
1983 .....	3,346.5	57.5	44.0	.3	1.3	42.5	3,205.7	119.9	182.4	1,124.6	414.8	1,352.2	11.7	....	39.4	( <sup>3</sup> )
1984 .....	2,982.4	73.4	90.0	.1	1.4	88.5	2,768.0	109.7	94.9	904.8	78.1	1,568.8	11.6	( <sup>3</sup> )	50.9	.1
1985 .....	3,522.0	69.4	75.1	( <sup>3</sup> )	2.9	72.2	3,294.6	106.7	212.6	780.3	28.2	2,147.2	19.6	.4	82.3	.3
1986 .....	3,809.0	55.8	120.7	.2	1.8	118.8	3,556.3	74.0	110.9	723.5	61.8	2,551.1	35.1	4.7	71.5	( <sup>3</sup> )
1987 .....	3,950.2	87.4	105.9	.2	.9	104.8	3,670.7	41.6	126.1	665.6	48.7	2,721.4	67.3	.5	85.1	.6
1988 <sup>4</sup> .....	3,262.3	81.7	118.6	( <sup>3</sup> )	.5	118.0	3,022.0	19.8	51.8	523.8	6.7	2,345.4	74.5	....	39.6	.5

<sup>1</sup>Includes mixed species (not classified as hardwoods or softwoods).

<sup>2</sup>For the years 1974-77, all imports with a value of less than \$500 are included in "Other."

<sup>3</sup>Less than 50,000 square feet.

<sup>4</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (53).

Table 40.—Average value of hardwood plywood imports, selected years, 1960-88

[Dollars per thousand square feet, surface measure]

Year	All countries	Asia						All other <sup>1</sup>
		Japan	Philippines	China, Taiwan	Korea	Indonesia	Other Asia	
1960 .....	73.90	72.90	66.80	35.30	50.60	.....	54.40	95.80
1965 .....	58.30	65.60	58.70	40.50	43.50	.....	44.80	99.30
1970 .....	49.90	80.50	42.10	39.10	41.50	.....	39.90	115.30
1971 .....	50.40	90.10	42.70	40.40	43.10	62.50	41.40	119.50
1972 .....	52.40	120.70	43.50	40.10	44.50	.....	48.70	139.60
1973 .....	75.60	163.30	58.10	60.50	67.90	.....	75.50	192.10
1974 .....	85.70	198.60	77.50	67.90	69.70	.....	105.10	228.60
1975 .....	66.40	148.80	64.40	53.10	57.90	.....	78.70	196.60
1976 .....	79.00	183.90	81.50	64.50	67.50	.....	128.10	187.30
1977 .....	96.90	213.70	106.20	80.20	81.80	.....	154.00	195.20
1978 .....	101.10	279.20	96.20	87.50	86.10	61.30	160.70	213.30
1979 .....	138.70	322.30	139.80	124.90	124.40	68.30	207.80	232.80
1980 .....	164.30	359.60	164.10	145.30	138.70	74.30	261.50	297.80
1981 .....	151.90	345.10	148.60	137.10	132.50	91.10	242.30	333.00
1982 .....	144.90	356.30	162.60	131.00	122.00	103.20	268.10	347.00
1983 .....	131.60	348.10	150.30	134.80	74.90	105.10	139.20	317.30
1984 .....	141.50	374.40	163.50	159.70	138.10	95.00	172.10	275.60
1985 .....	125.20	337.10	112.60	147.50	133.20	91.20	162.20	277.20
1986 .....	127.30	345.90	143.90	163.50	99.10	98.20	139.40	250.70
1987 .....	151.50	392.50	179.60	198.30	104.10	118.50	182.70	313.30
1988 <sup>2</sup> .....	166.20	339.60	243.20	228.00	201.80	130.40	172.80	346.90

<sup>1</sup>See table 39.

<sup>2</sup>Preliminary.

Source: U.S. Department of Agriculture, Forest Service, compiled from statistics published by the U.S. Department of Commerce, Bureau of the Census (53).

**Table 41—Veneer imports and exports, by species, 1960-88**  
 [Million square feet, surface measure]

Year	Imports				Exports			
	Total	Hardwoods			Total <sup>1</sup>	Hardwoods		
		Total	Birch and maple	Other		Walnut	Red and white oak	Soft-woods
1960	878.0	840.8	463.6	377.2	60.2	.....	.....	.....
1961	943.4	894.8	514.7	380.1	58.1	.....	.....	.....
1962	1,276.1	1,232.2	624.4	607.8	64.8	.....	.....	.....
1963	1,467.7	1,397.9	664.6	733.3	79.1	.....	.....	.....
1964	1,736.8	1,708.3	751.8	956.5	144.3	.....	.....	.....
1965	1,958.2	1,871.2	817.4	1,053.8	169.8	80.6	63.1	26.1
1966	2,042.9	1,843.6	766.4	1,077.3	153.9	54.2	56.3	43.4
1967	1,990.9	1,796.7	754.9	1,041.8	192.8	44.8	105.8	87.0
1968	2,340.1	2,178.7	820.8	1,357.9	306.3	71.9	101.7	132.7
1969	2,054.6	1,855.7	698.2	1,157.5	360.6	92.4	101.8	166.4
1970	1,876.5	1,605.8	650.0	955.8	327.1	111.3	72.5	143.3
1971	2,302.1	2,035.2	812.0	1,223.2	571.4	97.7	75.0	398.8
1972	3,151.4	2,786.0	997.9	1,788.1	491.8	84.9	119.4	287.4
1973	2,967.8	2,583.0	890.5	1,692.4	660.5	90.9	255.1	314.5
1974	2,281.6	1,965.9	679.6	1,286.3	599.4	77.4	303.4	218.6
1975	1,497.7	1,145.5	552.2	593.4	736.8	63.6	326.7	346.5
1976	1,993.4	1,595.5	760.3	835.3	768.2	91.8	414.0	262.4
1977	2,261.0	1,718.5	721.3	997.2	686.9	93.1	423.4	170.5
1978	2,143.2	1,632.5	722.8	909.7	1,541.6	128.9	476.1	188.3
1979	2,076.5	1,560.1	713.4	846.7	1,072.5	80.6	522.0	186.5
1980	1,666.8	1,213.2	584.2	629.0	1,333.2	117.8	631.2	255.8
1981	1,729.3	1,406.3	605.1	801.2	1,378.2	107.9	509.2	458.5
1982	1,665.8	1,231.8	506.8	725.1	1,140.4	78.6	512.9	336.7
1983	2,072.6	1,607.2	637.8	969.4	1,438.7	106.0	624.4	415.0
1984	1,886.9	1,503.0	537.2	965.7	1,370.5	84.4	636.0	367.8
1985	1,753.4	1,398.0	501.5	896.5	1,100.4	85.6	481.5	307.6
1986	1,997.4	1,603.9	557.3	1,046.6	1,466.0	72.6	639.3	470.3
1987	2,106.6	1,682.1	563.4	1,118.8	1,775.8	90.7	857.4	391.2
1988 <sup>2</sup>	2,226.7	1,713.8	588.0	1,125.8	1,830.2	69.9	1,058.7	255.9

<sup>1</sup>Breakdown by species not available for the years 1960-64.

<sup>2</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (52, 53).



Table 42.—Hardwood veneer imports, by country of origin, 1960-88

[Million square feet, surface measure]

Year	Total	Canada	Latin America				Asia				Africa	Europe	Other <sup>1</sup>
			Total	Mexico	Central America and West Indies	South America	Total	Japan	Philippines	Other Asia			
1960 .....	840.8	472.3	22.3	5.2	5.9	11.3	225.2	19.9	205.0	0.3	98.1	22.8	0.1
1961 .....	894.8	515.9	27.6	5.8	8.8	13.0	237.0	8.6	223.7	4.7	96.0	18.2	.1
1962 .....	1,232.2	638.4	42.7	3.5	16.9	22.3	338.4	5.7	295.6	37.1	168.7	44.0	.1
1963 .....	1,397.9	684.6	63.1	1.7	14.3	47.2	455.2	4.0	391.0	60.1	146.9	48.2	( <sup>2</sup> )
1964 .....	1,708.3	781.3	69.8	.7	21.8	47.3	664.4	2.1	557.2	105.2	158.8	38.8	.2
1965 .....	1,871.2	852.0	67.2	.1	19.2	47.8	687.0	4.8	527.0	155.2	219.8	44.3	.9
1966 .....	1,843.6	792.8	96.4	.3	21.2	74.9	714.1	3.8	522.7	187.6	209.7	29.6	1.0
1967 .....	1,796.7	755.8	140.9	.1	8.0	132.8	580.9	3.8	451.8	125.3	271.2	27.7	.2
1968 .....	2,178.7	837.7	200.4	1.5	16.8	182.2	837.7	4.3	609.8	223.6	276.5	26.3	.1
1969 .....	1,855.7	713.9	152.7	.6	13.1	139.0	838.6	5.3	671.4	161.9	128.1	22.2	.3
1970 .....	1,605.8	672.4	191.0	.6	5.0	185.4	569.2	3.3	460.0	105.8	147.0	26.1	.2
1971 .....	2,035.2	842.4	216.0	.5	15.1	200.5	809.5	4.5	590.9	214.0	143.1	24.0	.2
1972 .....	2,786.0	1,051.8	303.9	( <sup>2</sup> )	28.8	275.0	1,226.5	.9	822.5	403.1	153.9	30.2	19.7
1973 .....	2,583.0	944.4	288.4	( <sup>2</sup> )	43.2	245.2	1,126.2	2.3	850.8	273.0	167.2	27.8	29.0
1974 .....	1,965.9	709.2	243.8	....	43.9	199.9	874.0	.9	660.8	212.3	78.6	39.4	20.8
1975 .....	1,145.5	570.7	132.5	....	22.2	110.3	331.5	3.8	294.3	33.4	74.3	23.1	13.5
1976 .....	1,595.5	804.6	210.8	....	8.3	202.5	520.6	4.5	452.4	63.7	15.0	30.1	14.5
1977 .....	1,718.5	801.4	159.1	.9	13.0	145.2	689.3	5.5	580.5	103.3	19.6	30.5	18.7
1978 .....	1,632.5	817.4	213.0	3.6	21.8	187.7	536.8	7.1	442.6	87.1	19.1	44.7	1.5
1979 .....	1,560.1	834.0	149.3	2.0	28.2	119.2	482.6	1.3	448.2	33.0	35.4	56.4	2.4
1980 .....	1,213.2	700.4	158.0	....	27.3	130.7	300.1	( <sup>2</sup> )	261.5	38.1	21.9	31.4	1.5
1981 .....	1,406.3	753.6	165.0	.2	27.3	137.5	398.3	.9	330.7	66.6	36.3	41.6	11.4
1982 .....	1,231.8	705.9	161.1	.8	24.4	136.0	149.8	.7	120.0	29.2	19.2	193.2	2.6
1983 .....	1,607.2	908.3	192.1	3.0	23.1	166.1	365.9	2.8	318.3	44.9	27.1	100.9	12.8
1984 .....	1,503.0	828.1	227.5	.8	31.6	195.1	287.2	8.5	180.7	98.0	13.7	127.6	19.0
1985 .....	1,398.0	728.7	233.1	.2	26.5	206.4	240.5	6.5	110.7	123.3	26.1	150.8	18.8
1986 .....	1,603.9	831.8	233.9	.2	20.8	212.9	310.4	5.1	112.7	192.6	57.4	139.0	31.3
1987 .....	1,682.1	910.8	245.0	....	18.0	227.0	331.3	6.3	122.8	202.2	40.9	127.0	27.2
1988 <sup>3</sup> .....	1,713.8	944.3	312.9	.8	33.2	278.8	279.5	2.0	182.4	95.1	41.6	92.8	42.8

<sup>1</sup>For the years 1974-77, all imports with a value of less than \$500 are included in "Other."

<sup>2</sup>Less than 50,000 square feet

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census (53)

Table 43.—Producer price indexes for plywood, 1960-88  
[1982=100]

Year	All plywood		Softwood plywood						All hardwood plywood <sup>1</sup>	
			All softwood plywood		Western		Southern			
	Actual	Relative <sup>2</sup>	Actual	Relative <sup>2</sup>	Actual	Relative <sup>2</sup>	Actual	Relative <sup>2</sup>	Actual	Relative <sup>2</sup>
1960 .....	47.2	148.9	40.1	126.5	.....	.....	.....	.....	58.1	183.3
1961 .....	46.2	146.2	39.0	123.4	.....	.....	.....	.....	57.3	181.3
1962 .....	44.6	140.7	37.7	118.9	.....	.....	.....	.....	55.3	174.4
1963 .....	45.1	142.7	38.6	122.2	.....	.....	.....	.....	55.0	174.1
1964 .....	44.6	141.1	37.4	118.4	.....	.....	.....	.....	55.7	176.3
1965 .....	44.6	138.1	37.5	116.1	.....	.....	.....	.....	55.5	171.8
1966 .....	44.8	134.5	37.6	112.9	.....	.....	.....	.....	56.0	168.2
1967 .....	43.1	129.0	35.4	106.0	.....	.....	.....	.....	55.2	165.3
1968 .....	49.8	145.6	45.8	133.9	.....	.....	.....	.....	55.5	162.3
1969 .....	52.8	148.3	49.3	138.5	49.3	138.5	52.4	147.2	57.5	161.5
1970 .....	46.7	126.6	40.3	109.2	40.1	108.7	44.3	120.1	56.6	153.4
1971 .....	49.4	129.7	45.0	118.1	44.7	117.3	50.6	132.8	55.6	145.9
1972 .....	56.3	141.5	54.9	137.9	54.6	137.2	60.4	151.8	57.6	144.7
1973 .....	66.9	148.7	68.8	152.9	69.2	153.8	69.9	155.3	62.3	138.4
1974 .....	69.4	129.7	66.2	123.7	66.8	124.9	66.3	123.9	71.9	134.4
1975 .....	69.4	118.8	71.1	121.7	71.9	123.1	69.4	118.8	66.0	113.0
1976 .....	80.6	131.9	87.8	143.7	86.8	142.1	91.2	149.3	67.7	110.8
1977 .....	91.4	140.8	104.9	161.6	103.0	158.7	111.1	171.2	70.5	108.6
1978 .....	101.5	145.2	115.7	165.5	114.9	164.4	118.9	170.1	77.4	110.7
1979 .....	107.9	137.1	114.2	145.1	116.5	148.0	108.8	138.2	93.4	118.7
1980 .....	106.2	118.3	109.5	121.9	110.2	122.7	108.3	120.6	97.5	108.6
1981 .....	105.9	108.1	108.7	110.9	111.2	113.5	103.0	105.1	99.3	101.3
1982 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983 .....	105.2	103.8	110.0	108.6	109.0	107.6	112.7	111.3	99.3	98.0
1984 .....	104.1	100.4	107.6	103.8	107.9	104.1	106.5	102.7	99.6	96.0
1985 .....	99.6	96.5	107.4	104.1	107.8	104.5	105.8	102.5	89.9	87.1
1986 .....	101.4	101.2	109.4	109.2	110.0	109.8	107.6	107.4	91.0	90.8
1987 .....	102.6	99.8	109.8	106.8	111.4	108.4	106.1	103.2	92.9	90.4
January .....	100.5	100.0	107.9	107.4	109.0	108.5	105.6	105.1	92.7	92.2
February .....	102.3	101.3	110.0	108.9	113.2	112.1	104.1	103.1	93.0	92.1
March .....	103.4	102.2	111.3	110.0	114.2	112.8	105.7	104.4	92.5	91.4
April .....	101.1	99.2	108.9	106.9	109.8	107.8	106.2	104.2	92.4	90.7
May .....	99.3	96.8	106.1	103.4	107.4	104.7	102.8	100.2	92.2	89.9
June .....	98.8	95.9	104.9	101.8	107.0	103.9	100.0	97.1	92.5	89.8
July .....	100.3	96.9	106.2	102.6	108.3	104.6	101.3	97.9	92.9	89.5
August .....	102.8	99.0	110.0	106.0	112.8	106.7	104.0	100.2	92.9	89.5
September .....	107.4	103.6	116.1	112.8	120.5	116.2	107.9	104.1	93.0	89.7
October .....	104.6	100.5	112.0	107.6	111.3	106.9	111.8	107.4	93.1	89.4
November .....	105.9	101.6	113.0	108.4	112.7	108.2	112.2	107.7	93.5	89.7
December .....	104.2	100.0	111.6	107.1	110.7	106.2	111.8	107.3	93.6	89.6
1988 .....	103.4	96.7	109.1	102.1	113.0	105.7	101.8	95.2	94.2	88.1
January .....	105.3	100.7	111.6	106.7	112.4	107.5	109.3	104.5	93.7	89.6
February .....	104.4	99.6	111.1	106.0	113.0	107.8	106.9	102.0	93.6	89.3
March .....	103.4	98.6	109.1	104.0	110.9	105.7	105.1	100.2	93.7	89.3
April .....	102.1	96.5	106.8	100.9	108.9	102.9	102.0	96.4	93.8	88.7
May .....	100.3	94.2	103.9	97.6	106.2	99.7	98.6	92.6	94.1	88.4
June .....	102.2	95.3	107.4	100.2	113.4	105.8	96.3	89.8	94.2	87.9
July .....	105.3	97.6	112.1	103.9	117.7	109.1	101.8	94.3	94.5	87.6
August .....	100.3	92.9	104.9	97.1	108.2	100.2	98.6	91.3	94.6	87.6
September .....	106.3	98.3	111.5	103.1	118.8	109.9	99.1	91.7	94.6	87.5
October .....	103.1	95.3	109.1	100.8	114.2	105.5	100.3	92.7	94.6	87.4
November .....	103.6	95.7	110.4	101.9	115.4	106.6	101.7	93.9	94.6	87.3
December .....	104.7	96.1	111.1	101.9	116.8	107.2	101.5	93.1	94.6	86.8

<sup>1</sup>Hardwood plywood and related products.

<sup>2</sup>Derived by dividing the actual price index by the all commodities price index.

Source: U.S. Department of Labor, Bureau of Labor Statistics (63).

Table 44.—Paper and board<sup>1</sup> production, imports, exports, and consumption, 1960-88

Year	Production	Imports <sup>2</sup>	Exports <sup>2</sup>	Consumption	
				Total	Per capita
	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Pounds</i>
1960 .....	33,758	5,587	896	38,448	426
1961 .....	34,937	5,633	1,036	39,533	430
1962 .....	36,678	5,692	996	41,374	444
1963 .....	38,272	5,624	1,141	42,755	452
1964 .....	40,653	6,179	1,486	45,346	473
1965 .....	42,998	6,554	1,633	47,919	493
1966 .....	46,025	7,319	1,800	51,543	524
1967 .....	45,852	6,908	1,945	50,815	511
1968 .....	49,964	6,791	2,467	54,288	541
1969 .....	52,766	7,184	2,585	57,365	566
1970 .....	52,053	7,086	2,672	56,467	551
1971 .....	53,368	7,373	2,969	57,772	556
1972 .....	57,549	7,637	2,908	62,279	593
1973 .....	59,303	8,077	2,803	64,577	610
1974 .....	57,952	8,005	3,458	62,500	584
1975 .....	50,738	6,217	2,821	54,134	501
1976 .....	57,788	7,080	3,129	61,739	566
1977 .....	60,485	7,348	2,894	64,940	590
1978 .....	61,917	9,024	2,896	68,045	611
1979 .....	64,023	9,027	3,110	69,940	621
1980 .....	63,865	8,686	4,582	67,969	597
1981 .....	64,582	8,245	4,034	68,793	598
1982 .....	60,958	7,917	3,670	65,205	561
1983 .....	66,761	8,835	3,985	71,611	610
1984 .....	70,268	10,856	3,819	77,305	652
1985 .....	68,658	11,238	3,581	76,316	638
1986 .....	72,475	11,547	4,160	79,861	661
1987 .....	75,908	12,435	4,579	83,764	687
1988 <sup>3</sup> .....	77,993	12,680	4,877	85,796	697

<sup>1</sup>Excludes hardboard.

<sup>2</sup>Excludes products.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2).

Table 45.—Paper<sup>1</sup> production, imports, exports, and consumption, 1960-88

Year	Production	Imports <sup>2</sup>	Exports <sup>2</sup>	Consumption	
				Total	Per capita
	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Pounds</i>
1960 .....	16,809	5,534	361	21,983	243
1961 .....	17,224	5,584	405	22,403	244
1962 .....	17,966	5,631	351	23,246	249
1963 .....	18,752	5,556	382	23,927	253
1964 .....	19,685	6,117	432	25,369	264
1965 .....	20,761	6,508	500	26,769	276
1966 .....	22,148	7,238	540	28,846	293
1967 .....	22,447	6,861	506	28,801	290
1968 .....	23,971	6,727	541	30,157	301
1969 .....	25,198	7,127	531	31,794	314
1970 .....	25,219	7,027	548	31,699	309
1971 .....	25,648	7,306	563	32,392	312
1972 .....	27,351	7,577	577	34,351	327
1973 .....	28,340	7,982	624	35,698	337
1974 .....	28,496	7,937	934	35,498	332
1975 .....	24,922	6,190	975	30,137	279
1976 .....	28,383	7,041	958	34,466	316
1977 .....	29,948	7,274	732	36,490	331
1978 .....	30,168	8,863	580	38,452	345
1979 .....	31,448	8,890	635	39,703	353
1980 .....	31,532	8,549	939	39,142	344
1981 .....	31,994	8,072	1,031	39,034	339
1982 .....	31,050	7,752	860	37,942	326
1983 .....	33,576	8,583	794	41,364	352
1984 .....	35,166	10,503	837	44,831	378
1985 .....	34,716	10,927	801	44,842	375
1986 .....	36,120	11,128	910	46,338	384
1987 .....	37,476	11,964	955	48,485	398
1988 <sup>3</sup> .....	38,898	12,209	1,137	49,970	406

<sup>1</sup>Includes building paper.

<sup>2</sup>Excludes products.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2).



Table 46.—Paperboard<sup>1</sup> production, imports, exports, and consumption 1960-88

Year	Production	Imports <sup>2</sup>	Exports <sup>2</sup>	Consumption	
				Total	Per capita
	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Pounds</i>
1960 .....	15,851	35	521	15,365	170
1961 .....	16,629	39	615	16,053	175
1962 .....	17,632	46	630	17,048	183
1963 .....	18,380	42	740	17,682	187
1964 .....	19,753	20	1,034	18,740	195
1965 .....	20,979	18	1,112	19,885	205
1966 .....	22,722	56	1,237	21,541	219
1967 .....	22,229	22	1,418	20,833	210
1968 .....	24,659	28	1,903	22,783	227
1969 .....	26,217	20	2,025	24,212	239
1970 .....	25,616	19	2,105	23,530	229
1971 .....	26,274	23	2,381	23,916	230
1972 .....	28,670	13	2,305	26,378	251
1973 .....	29,415	40	2,148	27,307	258
1974 .....	28,161	40	2,483	25,718	240
1975 .....	24,567	12	1,814	22,765	211
1976 .....	27,970	20	2,140	25,850	237
1977 .....	29,135	32	2,128	27,039	246
1978 .....	30,324	102	2,289	28,137	253
1979 .....	31,312	85	2,454	28,942	257
1980 .....	31,281	100	3,617	27,764	244
1981 .....	31,742	132	2,957	28,918	251
1982 .....	29,173	117	2,782	26,508	228
1983 .....	32,285	171	3,155	29,301	250
1984 .....	34,142	245	2,944	31,443	265
1985 .....	33,052	187	2,746	30,493	255
1986 .....	35,485	285	3,201	32,568	270
1987 .....	37,562	364	3,568	34,359	282
1988 <sup>3</sup> .....	38,225	345	3,654	34,916	284

<sup>1</sup>Includes wet machine board.

<sup>2</sup>Excludes products.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U. S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2).

Table 47.—Insulating board<sup>1</sup> production, imports, exports, and consumption, 1960-88

Year	Production	Imports <sup>2</sup>	Exports	Consumption	
				Total	Per capita
	Thousand tons	Thousand tons	Thousand tons	Thousand tons	Pounds
1960 .....	1,098	17	14	1,101	12
1961 .....	1,084	10	16	1,077	12
1962 .....	1,080	15	16	1,079	12
1963 .....	1,139	26	19	1,147	12
1964 .....	1,215	42	19	1,237	13
1965 .....	1,258	28	21	1,265	13
1966 .....	1,155	25	23	1,156	12
1967 .....	1,176	25	21	1,181	12
1968 .....	1,333	36	22	1,347	13
1969 .....	1,352	37	29	1,360	13
1970 .....	1,219	39	19	1,239	12
1971 .....	1,446	43	25	1,465	14
1972 .....	1,529	47	26	1,550	15
1973 .....	1,547	55	31	1,571	15
1974 .....	1,295	28	40	1,283	12
1975 .....	1,249	15	32	1,232	11
1976 .....	1,434	19	32	1,421	13
1977 .....	1,403	43	34	1,412	13
1978 .....	1,425	58	27	1,456	13
1979 .....	1,263	53	21	1,295	12
1980 .....	1,051	38	26	1,063	9
1981 .....	846	41	46	841	7
1982 .....	735	48	28	755	6
1983 .....	900	81	35	945	8
1984 .....	960	108	37	1,031	9
1985 .....	890	124	34	980	8
1986 .....	870	134	49	955	8
1987 .....	870	107	56	920	8
1988 <sup>3</sup> .....	870	126	86	910	7

<sup>1</sup>Density 31 pounds or less per cubic foot.

<sup>2</sup>Includes other building board.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2).

Table 48.—Hardboard<sup>1</sup> production, imports, exports, and consumption, 1960-88

Year	Production <sup>2</sup>	Imports	Exports	Consumption	
				Total	Per capita
	Thousand tons	Thousand tons	Thousand tons	Thousand tons	Pounds
1960 .....	686	88	6	768	9
1961 .....	762	100	6	856	9
1962 .....	865	128	6	987	11
1963 .....	959	157	8	1,108	12
1964 .....	1,050	177	11	1,217	13
1965 .....	1,093	215	8	1,300	13
1966 .....	1,089	162	11	1,239	13
1967 .....	1,074	163	11	1,226	12
1968 .....	1,282	216	14	1,484	15
1969 .....	1,421	236	16	1,640	16
1970 .....	1,463	152	26	1,590	16
1971 .....	1,718	211	28	1,901	18
1972 .....	1,908	357	34	2,230	21
1973 .....	2,001	346	43	2,304	22
1974 .....	1,978	250	59	2,169	20
1975 .....	1,784	92	55	1,821	17
1976 .....	2,110	169	66	2,214	20
1977 .....	2,237	211	59	2,388	22
1978 .....	2,416	295	26	2,687	24
1979 .....	2,306	262	32	2,536	23
1980 .....	1,970	172	29	2,113	19
1981 .....	1,858	189	61	1,987	17
1982 .....	1,741	153	47	....	....
1983 .....	2,040	238	60	....	....
1984 .....	1,831	271	64	....	....
1985 .....	1,996	283	65	....	....
1986 .....	1,615	292	62	....	....
1987 .....	1,683	283	92	....	....
1988 <sup>3</sup> .....	1,624	215	110	....	....

<sup>1</sup>Density over 31 pounds per cubic foot.

<sup>2</sup>Data for the years 1982-88 are for shipments.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2); American Hardboard Association.

Table 49.—Paper and board production and fibrous materials consumed  
in the manufacture of paper and board, 1960-88

Year	Paper and board <sup>1</sup> production	Consumption of fibrous materials				Consumption of fibrous materials per ton of paper and board produced			
		Total	Wood- pulp	Waste paper	Other	Total	Wood- pulp	Waste paper	Other
		Thousand tons	Thousand tons	Thousand tons	Thousand tons	Tons	Tons	Tons	Tons
1960 .....	34,444	35,703	25,700	9,032	971	1.036	.746	.262	.028
1961 .....	35,698	36,595	26,683	9,018	894	1.025	.747	.253	.025
1962 .....	37,543	38,636	28,598	9,075	963	1.029	.762	.242	.025
1963 .....	39,231	41,117	30,220	9,613	1,285	1.048	.770	.245	.033
1964 .....	41,703	42,860	32,088	9,843	929	1.028	.769	.236	.022
1965 .....	44,091	45,116	34,006	10,231	879	1.023	.771	.232	.020
1966 .....	47,113	48,466	36,922	10,564	980	1.029	.784	.224	.021
1967 .....	46,926	47,718	36,994	9,888	836	1.017	.788	.211	.018
1968 .....	51,245	52,429	41,303	10,222	905	1.023	.806	.199	.018
1969 .....	54,187	55,517	43,700	10,939	878	1.025	.806	.202	.016
1970 .....	53,516	54,614	43,192	10,594	828	1.021	.807	.198	.015
1971 .....	55,086	56,023	44,148	11,000	875	1.017	.801	.200	.016
1972 .....	59,457	59,942	47,347	11,703	892	1.008	.796	.197	.015
1973 .....	61,304	62,030	48,772	12,374	883	1.012	.796	.202	.014
1974 .....	59,930	61,277	48,341	12,098	838	1.022	.807	.202	.014
1975 .....	52,521	53,422	42,431	10,367	625	1.017	.808	.197	.012
1976 .....	59,898	60,156	47,541	11,874	742	1.004	.794	.198	.012
1977 .....	62,722	61,406	48,477	12,103	826	.979	.773	.193	.013
1978 .....	64,333	63,273	49,834	12,586	854	.984	.775	.196	.013
1979 .....	66,329	65,316	51,577	13,012	727	.985	.778	.196	.011
1980 .....	65,834	65,633	52,448	12,583	602	.997	.797	.191	.009
1981 .....	66,440	66,161	52,779	12,872	510	.996	.794	.194	.008
1982 .....	62,699	64,145	50,187	13,563	396	1.023	.800	.216	.006
1983 .....	68,801	68,554	53,970	14,170	413	.996	.784	.206	.006
1984 .....	72,099	72,848	57,466	14,944	438	1.010	.797	.207	.006
1985 .....	70,654	71,757	56,639	14,818	301	1.016	.802	.210	.004
1986 .....	74,090	75,940	60,049	15,491	400	1.025	.810	.209	.005
1987 .....	77,591	78,227	61,231	16,618	378	1.008	.789	.214	.005
1988 <sup>2</sup> .....	79,617	80,248	62,647	17,181	421	1.008	.787	.216	.005

<sup>1</sup>Includes hardboard.

<sup>2</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Source: U.S. Department of Commerce,  
Bureau of the Census (49); American Paper Institute (1, 2).



Table 50.—Paper and board new supply, and recyclable paper consumption, exports, imports, and total recovered, 1960-88

Year	Paper and board— new supply <sup>1</sup>	Recyclable paper					Recovery rate <sup>2</sup>
		Consumed at paper and board mills	For molded pulp, insulation and other uses	Exports	Imports	Total recovered	
	Thousand tons	Thousand tons	Thousand tons	Thousand tons	Thousand tons	Thousand tons	Percent
1960 .....	38,517	9,032	( <sup>3</sup> )	153	( <sup>3</sup> )	.....	.....
1961 .....	39,646	9,018	( <sup>3</sup> )	215	66	.....	.....
1962 .....	41,615	9,075	( <sup>3</sup> )	209	70	.....	.....
1963 .....	42,983	9,613	( <sup>3</sup> )	230	54	.....	.....
1964 .....	45,477	9,843	( <sup>3</sup> )	272	87	.....	.....
1965 .....	48,270	10,231	( <sup>3</sup> )	292	108	.....	.....
1966 .....	52,118	10,564	( <sup>3</sup> )	246	113	.....	.....
1967 .....	51,435	9,888	( <sup>3</sup> )	262	86	.....	.....
1968 .....	54,351	10,222	( <sup>3</sup> )	253	93	.....	.....
1969 .....	57,423	11,969	( <sup>3</sup> )	289	75	.....	.....
1970 .....	55,969	11,803	418	408	67	12,562	22.4
1971 .....	57,450	12,106	442	419	68	12,899	22.4
1972 .....	62,040	12,925	447	415	88	13,699	22.1
1973 .....	65,004	14,094	499	683	87	15,189	23.4
1974 .....	63,308	13,982	489	1,307	89	15,689	24.8
1975 .....	54,113	11,748	535	861	72	13,072	24.2
1976 .....	62,015	13,622	630	1,273	106	15,419	24.9
1977 .....	64,241	14,058	870	1,512	92	16,348	25.4
1978 .....	67,787	14,760	502	1,599	70	16,791	24.8
1979 .....	69,796	15,361	509	2,233	78	18,025	25.8
1980 .....	67,102	14,922	473	2,664	87	17,972	26.8
1981 .....	67,957	15,037	480	2,213	79	17,650	26.0
1982 .....	64,740	14,433	487	2,127	74	16,973	26.2
1983 .....	71,183	15,638	484	2,573	100	18,595	26.1
1984 .....	76,956	16,724	460	3,235	110	20,309	26.4
1985 .....	76,109	16,371	478	3,286	87	20,048	26.3
1986 .....	79,724	17,935	493	3,749	99	22,078	27.7
1987 .....	83,441	18,694	507	4,422	127	23,496	28.2
1988 <sup>4</sup> .....	85,412	19,560	509	5,640	161	25,548	29.9

<sup>1</sup>Production plus imports less exports; includes imports and exports of products.

<sup>2</sup>Total paper recovered as a percent of new supply of paper and board.

<sup>3</sup>Not available.

<sup>4</sup>Preliminary.

NOTE: Consumption figures in this series differ from those reported by the U.S. Department of Commerce, Bureau of the Census (Table 49). Data may not add to totals because of rounding.

Source: American Paper Institute (1, 2).

Table 51.—Woodpulp production, imports, exports, and consumption, 1960-88

Year	Production	Imports	Exports	Consumption	
				Total	Per capita
	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Thousand tons</i>	<i>Pounds</i>
1960 .....	25,316	2,389	1,142	26,563	294
1961 .....	26,523	2,467	1,178	27,812	303
1962 .....	27,908	2,789	1,186	29,511	316
1963 .....	30,121	2,775	1,422	31,474	333
1964 .....	32,415	2,942	1,580	33,777	352
1965 .....	33,993	3,130	1,402	35,721	368
1966 .....	36,603	3,357	1,572	38,388	391
1967 .....	36,677	3,170	1,721	38,126	384
1968 .....	40,892	3,532	1,902	42,522	424
1969 .....	42,813	4,040	2,103	44,751	442
1970 .....	43,546	3,518	3,095	43,969	429
1971 .....	43,903	3,515	2,175	45,243	436
1972 .....	46,767	3,728	2,252	48,243	460
1973 .....	48,327	4,002	2,344	49,986	472
1974 .....	48,349	4,123	2,802	49,670	464
1975 .....	43,084	3,078	2,782	43,380	402
1976 .....	47,721	3,727	2,518	48,930	449
1977 .....	49,132	3,871	2,640	50,363	457
1978 .....	50,020	4,023	2,599	51,443	462
1979 .....	51,177	4,318	2,935	52,559	467
1980 .....	52,958	4,051	3,806	53,204	467
1981 .....	52,790	4,087	3,678	53,199	462
1982 .....	50,986	3,656	3,395	51,247	441
1983 .....	54,055	4,093	3,644	54,505	464
1984 .....	57,747	4,490	3,594	58,644	495
1985 .....	57,693	4,466	3,796	58,364	488
1986 .....	60,562	4,594	4,459	60,697	502
1987 .....	62,392	4,848	4,869	62,371	511
1988 <sup>1</sup> .....	63,798	4,938	5,528	63,208	513

<sup>1</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2).

Table 52.—Pulpwood consumed in the manufacture of woodpulp, 1960-88

Year	Pulpwood consumption <sup>1</sup>		Woodpulp production
	Total	Per ton of pulp produced	
	Thousand cords	Cords	Thousand tons
1960 .....	40,485	1.60	25,316
1961 .....	42,191	1.59	26,523
1962 .....	44,070	1.58	27,908
1963 .....	46,435	1.54	30,121
1964 .....	50,659	1.56	32,415
1965 .....	51,970	1.53	33,993
1966 .....	56,260	1.54	36,603
1967 .....	55,932	1.52	36,677
1968 .....	62,092	1.52	40,892
1969 .....	65,892	1.54	42,813
1970 .....	67,562	1.55	43,546
1971 .....	67,157	1.53	43,903
1972 .....	71,538	1.53	46,767
1973 .....	73,596	1.52	48,327
1974 .....	74,327	1.54	48,349
1975 .....	65,373	1.52	43,084
1976 .....	72,011	1.51	47,721
1977 .....	73,935	1.50	49,132
1978 .....	74,170	1.48	50,020
1979 .....	77,594	1.52	51,177
1980 .....	79,703	1.51	52,958
1981 .....	79,350	1.50	52,790
1982 .....	77,573	1.52	50,986
1983 .....	83,493	1.54	54,055
1984 .....	86,948	1.51	57,747
1985 .....	84,840	1.47	57,693
1986 .....	91,083	1.50	60,562
1987 .....	92,386	1.48	62,392
1988 <sup>2</sup> .....	95,479	1.50	63,798

<sup>1</sup>Includes changes in inventories.

<sup>2</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49); American Paper Institute (1, 2).

Table 53.—Producer price indexes for paper, board, and woodpulp, 1960-88  
[1982=100]

Year	Pulp, paper and allied products		Paper		Paperboard		Building paper and board		Woodpulp	
	Actual	Relative <sup>1</sup>	Actual	Relative <sup>1</sup>	Actual	Relative <sup>1</sup>	Actual	Relative <sup>1</sup>	Actual	Relative <sup>1</sup>
1960.....	34.0	107.3	32.4	102.2	41.0	129.3	46.1	145.4	27.0	85.2
1961.....	33.0	104.4	32.4	102.5	38.2	120.9	45.8	144.9	25.6	81.0
1962.....	33.4	105.4	32.6	102.8	38.4	121.1	44.2	139.4	25.1	79.2
1963.....	33.1	104.7	32.5	102.8	39.1	123.7	43.6	138.0	24.7	78.2
1964.....	33.0	104.4	32.9	104.1	39.8	125.9	42.7	135.1	25.9	82.0
1965.....	33.3	103.1	33.0	102.2	39.8	123.2	42.1	130.3	26.4	81.7
1966.....	34.2	102.7	34.1	102.4	40.1	120.4	42.1	126.4	26.4	79.3
1967.....	34.6	103.6	34.9	104.5	39.2	117.4	41.8	125.1	26.4	79.0
1968.....	35.0	102.3	35.6	104.1	37.6	109.9	42.1	123.1	26.4	77.2
1969.....	36.0	101.1	36.8	103.4	39.0	109.6	44.1	123.9	26.4	74.2
1970.....	37.5	101.6	38.8	105.1	39.7	107.6	42.2	114.4	28.9	78.3
1971.....	38.1	100.0	39.9	104.7	40.2	105.5	42.9	112.6	29.6	77.7
1972.....	39.3	98.7	40.6	102.0	41.4	104.0	44.4	111.6	29.4	73.9
1973.....	42.3	94.0	42.4	94.2	45.2	100.4	47.1	104.7	33.8	75.1
1974.....	52.5	98.1	51.9	97.0	59.7	111.6	51.6	96.4	57.5	107.5
1975.....	59.0	101.0	60.4	103.4	66.8	114.4	53.1	90.9	74.8	128.1
1976.....	62.1	101.6	63.7	104.3	69.1	113.1	57.9	94.8	75.5	123.6
1977.....	64.6	99.5	67.8	104.5	69.1	106.5	65.6	101.1	74.2	114.3
1978.....	67.7	96.9	72.0	103.0	70.5	100.9	78.2	111.9	70.3	100.6
1979.....	75.9	96.4	80.2	101.9	79.3	100.8	76.2	96.8	82.9	105.3
1980.....	86.3	96.1	89.7	99.9	92.0	102.4	86.1	95.9	100.3	111.7
1981.....	94.8	96.7	97.7	99.7	101.2	103.3	96.7	98.7	104.8	106.9
1982.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983.....	103.3	102.0	98.5	97.2	98.4	97.1	104.4	103.1	91.5	90.3
1984.....	110.3	106.4	105.8	102.0	110.4	106.5	108.2	104.3	104.8	101.1
1985.....	113.3	109.8	106.0	102.7	107.7	104.4	107.4	104.1	91.4	88.6
1986.....	116.1	115.9	107.0	106.8	106.6	106.4	108.8	108.6	94.7	94.5
1987.....	121.8	118.5	111.5	108.5	118.1	114.9	111.2	108.2	111.5	108.5
January.....	119.5	118.9	110.1	109.6	113.9	113.3	109.6	109.1	105.5	105.0
February.....	120.3	119.1	111.0	109.9	115.5	114.4	109.3	108.2	105.4	104.4
March.....	120.6	119.2	109.4	108.1	115.5	114.1	109.2	107.9	107.6	106.3
April.....	120.9	118.6	110.0	107.9	116.2	114.0	109.1	107.1	110.2	108.1
May.....	121.0	117.9	109.9	107.1	115.8	112.9	109.8	107.0	111.1	108.3
June.....	121.2	117.7	109.9	106.7	115.9	112.5	110.2	107.0	111.2	108.0
July.....	121.6	117.5	111.1	107.3	116.1	112.2	111.1	107.3	111.4	107.6
August.....	122.2	117.7	111.7	107.6	119.8	115.4	112.2	108.1	112.3	108.2
September.....	122.9	118.5	112.2	108.2	121.3	117.0	113.2	109.2	112.4	108.4
October.....	123.8	118.9	113.6	109.1	122.1	117.3	113.8	109.3	115.7	111.1
November.....	123.9	118.9	114.3	109.7	122.5	117.6	113.4	108.8	117.1	123.4
December.....	124.2	119.2	114.7	110.1	123.1	118.1	113.7	109.1	117.7	113.0
1988.....	130.4	122.0	123.2	115.2	133.2	124.6	113.3	106.0	136.7	127.9
January.....	126.6	121.0	118.1	112.9	126.6	121.0	113.7	108.7	122.9	117.5
February.....	127.3	121.5	118.7	113.3	127.1	121.3	114.0	108.8	126.8	121.0
March.....	128.0	122.0	119.6	114.0	130.5	124.4	113.1	107.8	127.0	121.1
April.....	128.9	121.8	121.1	114.5	132.6	125.3	113.3	107.1	134.6	127.2
May.....	129.6	121.7	122.1	114.6	133.4	125.3	113.4	106.5	136.1	127.8
June.....	130.0	121.3	122.4	114.2	134.0	125.0	114.2	106.5	135.6	126.5
July.....	131.0	121.4	124.0	114.9	134.3	124.5	113.9	105.6	139.2	129.0
August.....	131.3	121.6	124.8	115.6	134.5	124.5	112.7	104.4	141.6	131.1
September.....	132.1	122.2	125.5	116.1	136.2	126.0	112.5	104.1	142.2	131.5
October.....	132.8	122.7	126.9	117.3	136.4	126.1	112.5	104.0	143.5	132.6
November.....	133.1	122.9	127.6	117.8	136.5	126.0	112.7	104.1	144.7	133.6
December.....	133.5	122.5	127.9	117.3	136.5	125.2	113.3	103.9	145.7	133.7

<sup>1</sup>Derived by dividing the actual price index by the all commodities price index.

Source: U.S. Department of Labor, Bureau of Labor Statistics (63)



Table 54.—*Producer price indexes for wastepaper, by grade, 1960-88*

[1982=100]

	Wastepaper		Newspaper		Mixed papers		Corrugated		High grades <sup>1,2</sup>		Exports, all grades <sup>2</sup>	
	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>
1960 .....	95.4	300.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1961 .....	85.1	269.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1962 .....	103.0	324.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1963 .....	97.5	308.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1964 .....	97.7	309.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1965 .....	105.1	325.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1966 .....	110.9	333.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1967 .....	82.5	247.0	138.7	415.3	70.7	211.7	105.7	316.5	.....	.....	.....	.....
1968 .....	107.3	313.7	190.2	556.1	107.9	315.5	135.9	397.4	.....	.....	.....	.....
1969 .....	114.5	321.6	170.6	479.2	119.0	334.3	148.5	417.1	.....	.....	.....	.....
1970 .....	103.2	279.7	149.9	406.2	92.1	249.6	143.3	388.3	.....	.....	.....	.....
1971 .....	92.5	242.8	143.1	375.6	86.8	227.8	118.0	309.7	.....	.....	.....	.....
1972 .....	110.3	277.1	165.3	415.3	109.7	275.6	139.2	349.7	.....	.....	.....	.....
1973 .....	162.9	362.0	190.3	422.9	163.2	362.7	236.3	525.1	.....	.....	.....	.....
1974 .....	219.2	409.7	279.6	522.6	233.9	437.2	266.0	497.2	.....	.....	.....	.....
1975 .....	90.9	155.7	155.1	265.6	73.2	125.3	95.0	162.7	.....	.....	.....	.....
1976 .....	152.6	249.8	276.8	453.0	110.5	180.9	207.1	339.0	.....	.....	.....	.....
1977 .....	154.6	238.2	290.7	447.9	123.3	190.0	197.2	303.9	.....	.....	.....	.....
1978 .....	157.8	225.8	278.1	397.9	158.4	226.6	213.7	305.7	.....	.....	.....	.....
1979 .....	170.5	216.6	210.5	267.5	144.5	183.6	294.6	374.3	.....	.....	.....	.....
1980 .....	172.2	191.8	232.3	258.7	156.7	174.5	203.2	226.3	.....	.....	.....	.....
1981 .....	145.0	148.0	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	.....	.....
1982 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....	.....	.....
1983 .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	.....	.....
1984 .....	198.2	191.1	267.8	258.2	173.0	166.8	317.8	306.5	.....	.....	.....	.....
1985 .....	122.9	119.1	208.1	201.6	147.2	142.6	155.0	150.2	.....	.....	.....	.....
1986 .....	142.6	142.3	191.3	190.9	129.0	128.7	238.1	237.6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1987 .....	181.4	176.5	243.9	237.3	153.1	148.9	313.3	304.8	109.6	106.3	125.9	122.1
January .....	160.4	159.6	216.7	215.6	137.9	137.2	267.2	265.9	101.4	100.6	104.5	103.7
February .....	166.5	164.9	230.1	227.8	141.0	139.6	277.6	274.9	103.7	102.4	111.1	109.7
March .....	175.9	173.8	245.1	242.2	146.1	144.4	299.5	295.9	106.0	104.4	123.9	122.1
April .....	181.1	177.7	247.7	243.1	153.4	150.5	318.8	312.9	106.5	104.2	127.3	124.6
May .....	180.4	175.8	243.1	236.9	152.5	148.6	325.5	317.3	105.2	102.2	121.5	118.1
June .....	184.5	179.1	233.5	226.7	157.7	153.1	340.5	330.6	106.9	103.5	126.5	122.5
July .....	188.7	182.3	232.7	224.8	163.3	157.8	347.2	335.5	110.0	106.0	131.6	126.8
August .....	188.0	181.1	231.1	222.6	155.6	149.9	348.3	335.5	109.4	105.1	130.5	125.4
September .....	190.3	183.5	239.4	230.9	155.9	150.3	347.0	334.6	112.5	108.2	129.1	124.1
October .....	188.0	180.6	253.3	243.3	156.1	150.0	319.1	306.5	115.1	110.2	132.0	126.4
November .....	186.5	179.0	268.0	257.2	159.0	152.6	293.8	282.0	118.3	113.2	132.4	126.7
December .....	186.6	179.1	285.5	274.0	158.5	152.1	275.2	264.1	120.1	114.9	140.2	134.2
1988 .....	183.6	171.7	239.9	224.4	168.7	157.8	250.5	234.3	131.9	123.0	128.8	120.1
January .....	194.2	185.7	301.8	288.5	159.5	152.5	286.9	274.3	124.9	119.1	143.7	137.0
February .....	192.6	183.8	290.5	277.2	160.8	153.4	282.2	269.3	127.3	121.1	135.0	128.4
March .....	193.6	184.6	290.4	276.8	159.2	151.8	277.7	264.7	129.7	123.3	138.5	131.7
April .....	188.8	178.4	274.3	259.3	160.1	151.3	261.4	247.1	130.4	122.9	135.4	127.6
May .....	185.7	174.4	257.9	242.2	160.2	150.4	253.5	238.0	131.8	123.4	129.0	120.8
June .....	185.0	172.6	247.1	230.5	174.5	162.8	245.7	229.2	133.8	124.5	130.8	121.7
July .....	185.7	172.1	235.7	218.4	174.8	162.0	248.9	230.7	135.3	125.0	131.6	121.6
August .....	186.0	172.2	220.6	204.3	180.4	167.0	253.0	234.3	136.9	126.4	129.6	119.7
September .....	185.0	171.1	214.1	198.1	181.4	167.8	251.3	232.5	137.2	126.6	127.5	117.6
October .....	178.9	165.3	203.3	187.9	181.7	167.9	236.6	218.7	135.2	124.6	122.7	113.1
November .....	168.6	155.7	179.8	166.0	169.8	156.8	216.6	200.0	131.3	120.9	115.3	106.2
December .....	159.2	146.1	163.8	150.3	161.7	148.3	192.0	176.1	129.2	118.2	106.6	97.5

<sup>1</sup>Pulp substitutes and deinking.

<sup>2</sup>December 1986 = 100.

<sup>3</sup>Derived by dividing the actual price index by the all commodities price index.

<sup>4</sup>Not available.

Source: U.S. Department of Labor, Bureau of Labor Statistics (63)

Table 55.—Particleboard and medium density fiberboard production, imports, exports, and consumption, 1960-88

[3/4-inch basis]

Year	Production			Imports <sup>1</sup>	Exports	Consumption	
	Total	Particleboard	Medium density fiberboard			Total	Per capita
	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Million square feet	Square feet
1960.....	268	268	.....	.....	.....	268	1
1961.....	326	326	.....	.....	.....	326	2
1962.....	408	408	.....	.....	.....	408	2
1963.....	496	496	.....	1	.....	497	3
1964.....	638	638	.....	2	.....	640	3
1965.....	803	803	.....	4	( <sup>2</sup> )	807	4
1966.....	997	997	.....	1	( <sup>2</sup> )	998	5
1967.....	1,115	1,115	.....	1	2	1,114	6
1968.....	1,425	1,425	.....	1	6	1,420	7
1969.....	1,716	1,716	.....	12	14	1,714	8
1970.....	1,764	1,764	.....	3	10	1,757	9
1971.....	2,394	2,394	.....	8	20	2,382	11
1972.....	3,117	3,117	.....	14	45	3,086	15
1973.....	3,494	3,494	.....	17	77	3,434	16
1974.....	3,104	3,104	.....	7	113	2,998	14
1975.....	2,754	2,539	215	16	84	2,686	12
1976.....	3,482	3,202	280	60	80	3,463	16
1977.....	4,034	3,593	441	158	63	4,130	19
1978.....	4,405	3,866	539	193	61	4,537	20
1979.....	4,070	3,536	534	221	84	4,207	19
1980.....	3,542	3,029	513	264	106	3,700	16
1981.....	3,460	2,930	530	254	117	3,598	16
1982.....	2,933	2,470	462	254	69	3,118	13
1983.....	3,681	3,065	616	354	79	3,956	17
1984.....	4,010	3,348	662	553	90	4,473	19
1985.....	4,103	3,402	701	603	99	4,607	19
1986.....	4,499	3,674	825	556	143	4,912	20
1987.....	4,726	3,801	925	607	189	5,143	21
1988 <sup>3</sup> .....	4,909	3,935	974	663	272	5,300	22

<sup>1</sup>May contain significant volumes of waferboard and oriented strand board, products currently tabulated as particleboard in the U.S. Department of Commerce, Bureau of the Census import data.

<sup>2</sup>Less than 500,000 square feet.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (46, 52, 53); National Particleboard Association (17).

Table 56.—Insulating board<sup>1</sup> production, imports, exports, and consumption, 1960-88

[1/2-inch basis]

Year	Production	Imports <sup>2</sup>	Exports	Consumption	
				Total	Per capita
	<i>Million square feet</i>	<i>Million square feet</i>	<i>Million square feet</i>	<i>Million square feet</i>	<i>Square feet</i>
1960 .....	2,848	45	37	2,856	16
1961 .....	2,850	25	42	2,833	15
1962 .....	2,885	39	42	2,883	15
1963 .....	3,039	70	50	3,059	16
1964 .....	3,262	112	52	3,322	17
1965 .....	3,362	75	42	3,394	17
1966 .....	3,079	67	48	3,097	16
1967 .....	3,209	69	45	3,233	16
1968 .....	3,476	94	45	3,525	18
1969 .....	3,623	98	65	3,656	18
1970 .....	3,194	103	51	3,246	16
1971 .....	3,839	115	65	3,889	19
1972 .....	3,918	121	66	3,973	19
1973 .....	3,914	140	79	3,975	19
1974 .....	3,282	72	102	3,252	15
1975 .....	2,960	36	77	2,919	14
1976 .....	3,407	45	77	3,375	15
1977 .....	3,462	107	84	3,485	16
1978 .....	3,437	139	106	3,470	16
1979 .....	3,310	138	49	3,400	15
1980 .....	2,780	100	62	2,818	12
1981 .....	2,124	104	110	2,118	9
1982 .....	1,790	118	67	1,841	8
1983 .....	2,277	204	83	2,397	10
1984 .....	2,545	286	89	2,743	12
1985 .....	2,461	343	80	2,724	11
1986 .....	2,194	338	117	2,415	10
1987 .....	2,242	273	127	2,389	10
1988 <sup>3</sup> .....	2,253	320	203	2,370	10

<sup>1</sup>Density 31 pounds or less per cubic foot.

<sup>2</sup>Includes other building board.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2).

Table 57.—Hardboard<sup>1</sup> production, imports, exports, and consumption 1960-88

[1/8-inch basis]

Year	Production <sup>2</sup>	Imports	Exports	Consumption	
				Total	Per capita
	<i>Million square feet</i>	<i>Million square feet</i>	<i>Million square feet</i>	<i>Million square feet</i>	<i>Square feet</i>
1960 .....	1,930	248	17	2,162	12
1961 .....	2,154	283	16	2,421	13
1962 .....	2,445	363	18	2,790	15
1963 .....	2,709	444	22	3,131	17
1964 .....	2,867	483	30	3,321	17
1965 .....	2,917	574	22	3,468	18
1966 .....	3,089	459	32	3,516	18
1967 .....	3,002	455	30	3,427	17
1968 .....	3,693	623	40	4,276	21
1969 .....	4,182	694	48	4,828	24
1970 .....	4,340	452	77	4,715	23
1971 .....	5,126	631	83	5,674	27
1972 .....	5,671	1,060	103	6,629	32
1973 .....	6,049	1,047	131	6,965	33
1974 .....	5,845	739	175	6,409	30
1975 .....	5,093	264	158	5,198	24
1976 .....	6,016	486	187	6,314	29
1977 .....	6,567	625	174	7,018	32
1978 .....	7,376	903	78	8,200	37
1979 .....	7,304	831	101	8,033	36
1980 .....	5,899	515	87	6,328	28
1981 .....	5,575	568	171	5,972	26
1982 .....	5,381	471	145	.....	.....
1983 .....	5,848	676	173	.....	.....
1984 .....	5,490	812	191	.....	.....
1985 .....	5,289	833	192	.....	.....
1986 .....	4,571	859	183	.....	.....
1987 .....	4,455	832	269	.....	.....
1988 <sup>3</sup> .....	4,313	631	323	.....	.....

<sup>1</sup>Density over 31 pounds per cubic foot.

<sup>2</sup>Data for the years 1982-88 are for shipments.

<sup>3</sup>Preliminary.

NOTE: Data may not add to totals because of rounding.

Sources: U.S. Department of Commerce, Bureau of the Census (49, 52, 53); American Paper Institute (1, 2); American Hardboard Association.



Table 58.—Producer price indexes for hardboard and particleboard, 1960-88

[1982=100]

Year	Hardboard and particleboard <sup>1</sup>		Hardboard		Particleboard <sup>2</sup>	
	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>	Actual	Relative <sup>3</sup>
1960 .....	47.3	149.2	44.4	140.1	....	....
1961 .....	47.5	150.3	44.6	141.1	....	....
1962 .....	47.9	151.1	45.0	142.0	....	....
1963 .....	48.3	152.8	45.4	143.7	....	....
1964 .....	47.4	150.0	44.7	141.5	....	....
1965 .....	47.4	146.7	44.7	138.4	....	....
1966 .....	47.1	141.4	44.6	133.9	....	....
1967 .....	45.5	136.2	43.8	131.1	....	....
1968 .....	45.1	131.9	43.0	125.7	....	....
1969 .....	46.8	131.5	43.7	122.8	....	....
1970 .....	42.4	114.9	44.7	121.1	....	....
1971 .....	42.5	111.5	44.2	116.0	....	....
1972 .....	43.9	110.3	44.7	112.3	....	....
1973 .....	48.1	106.9	46.0	102.2	....	....
1974 .....	52.4	97.9	51.6	96.4	....	....
1975 .....	51.7	88.5	51.5	88.2	....	....
1976 .....	56.3	92.1	57.5	94.1	....	....
1977 .....	64.2	98.9	62.5	96.3	....	....
1978 .....	77.6	111.0	68.7	98.3	....	....
1979 .....	75.4	95.8	72.1	91.6	....	....
1980 .....	86.9	96.8	82.0	91.3	....	....
1981 .....	96.8	98.8	95.4	97.3	....	....
1982 .....	100.0	100.0	100.0	100.0	....	....
1983 .....	104.3	103.0	102.6	101.3	106.3	105.5
1984 .....	108.3	104.4	102.3	98.6	116.6	113.0
1985 .....	106.1	102.8	103.0	99.8	110.3	107.4
1986 .....	107.2	107.0	103.7	103.5	112.5	112.8
1987 .....	109.5	106.5	101.9	99.1	121.1	118.4
January .....	107.7	107.2	102.5	102.0	116.6	116.6
February .....	107.3	106.2	102.4	101.4	115.4	114.8
March .....	107.2	105.9	102.5	101.3	115.3	114.5
April .....	107.2	105.2	102.5	100.6	115.1	113.5
May .....	107.9	105.2	102.2	99.6	116.5	114.1
June .....	108.3	105.1	101.4	98.4	117.3	114.4
July .....	109.3	105.6	101.8	98.4	121.1	117.6
August .....	110.7	106.6	101.9	98.2	123.7	119.7
September .....	111.9	107.9	101.5	97.9	126.6	122.7
October .....	112.5	108.1	101.5	97.5	127.9	123.5
November .....	112.1	107.6	101.0	96.9	127.9	123.3
December .....	112.4	107.9	101.0	96.9	129.2	124.6
1988 .....	111.2	104.0	103.5	96.8	125.4	117.9
January .....	112.3	107.4	100.5	96.1	129.5	124.4
February .....	112.5	107.3	100.9	96.3	129.8	124.4
March .....	111.4	106.2	100.4	95.7	127.9	122.5
April .....	111.7	105.6	100.4	94.9	128.2	121.7
May .....	111.7	104.9	100.9	94.7	127.7	120.5
June .....	112.6	105.0	105.4	98.3	127.2	119.2
July .....	111.8	103.6	105.5	97.8	125.5	116.9
August .....	110.4	102.2	105.5	97.7	122.6	114.0
September .....	109.9	101.7	105.5	97.6	121.6	113.0
October .....	109.9	101.6	105.6	97.6	121.4	112.7
November .....	110.1	101.7	105.5	97.4	121.7	112.9
December .....	110.1	101.0	105.5	96.8	121.7	112.2

<sup>1</sup>Hardboard, particleboard, and fiberboard products.

Source: U.S. Department of Labor,  
Bureau of Labor Statistics (63).

<sup>2</sup>Platen-type (mat-formed), December

1982=100.

<sup>3</sup>Derived by dividing the actual price index by the all commodities index.

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- (40) U.S. Department of Agriculture, Forest Service. *Volume and value of sawtimber stumpage sold from National Forests, by selected species and region*. [quarterly and annual.] Washington, DC.

Contains data on stumpage prices of timber sold from National Forests by selected species and region.

- (41) U.S. Department of Commerce, Bureau of the Census. *Hardwood plywood*. Curr. Ind. Reps. Ser. MA-24F. [annual.] Washington, DC.

Contains data on production and shipments of hardwood plywood by type of plywood, geographic division, and face species.

- (42) U.S. Department of Commerce, Bureau of the Census. *Housing completions*. Constr. Reps. C 22. [monthly.]

Supt. of Documents, U.S. Government Printing Office, Washington, DC.

A statistical report showing the number of houses completed in the United States by structure type, ownership, inside and outside MSA's, and region.

- (43) U.S. Department of Commerce, Bureau of the Census. *Housing starts*. Constr. Reps. C 20. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.

A statistical report showing the number of houses started in the United States by structure type, ownership, inside and outside MSA's, and region. Includes information on shipments of mobile homes.

- (44) U.S. Department of Commerce, Bureau of the Census. *Lumber production and mill stocks*. Curr. Ind. Reps. Ser. MA-24T. [annual.] Washington, DC.

Contains data on lumber production by major species, producing region, and State.

- (45) U.S. Department of Commerce, Bureau of the Census. *New one-family houses sold and for sale*. Constr. Reps. C 25. [monthly and annual.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.

A statistical report showing the number of privately owned, one-family homes sold and for sale in the United States by stage of construction and sales price.

- (46) U.S. Department of Commerce, Bureau of the Census. *Particleboard*. Curr. Ind. Rept. Ser. MA-24L. [annual.] Washington, DC.

Contains data on the production of particleboard by State, production by type, shipments and resin consumption.

- (47) U.S. Department of Commerce, Bureau of the Census. *Population characteristics*. Curr. Pop. Reps. Ser. P-20 [Monthly.] Supp. of Documents, U.S. Government Printing Office, Washington, DC.

Presents estimates of households, families, marital status, fertility and related data.

- (48) U.S. Department of Commerce, Bureau of the Census. *Population estimates and projections*. Curr. Pop. Reps. Ser. P-25. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.

Presents estimates of United States population by type and month.

- (49) U.S. Department of Commerce, Bureau of the Census. *Pulp, paper, and board*. Curr. Ind. Reps. Ser. MA-26A. [annual.] Washington, DC.

Contains data on pulpwood receipts, consumption, and inventories; woodpulp production, transfers, and inventories; paper and board shipments by grades; and other subjects.

- (50) U.S. Department of Commerce, Bureau of the Census. *Residential alterations and repairs*. Constr. Reps. C 50.



- [quarterly and annual supplement.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on expenditures on residential addition, alteration, maintenance, and repairs and replacements for all residential units and for owner occupants of one-housing unit properties. Regional data are presented.
- (51) U.S. Department of Commerce, Bureau of the Census. *Softwood plywood*. Curr. Ind. Reps. Ser. MA-24H. [annual.] Washington, DC.  
Contains data on the production of softwood plywood and veneer and consumption of softwood veneer logs.
- (52) U.S. Department of Commerce, Bureau of the Census. *U.S. exports/schedule E commodity by country*. FT 410. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on the volume and value of exports by product and country of destination. Exports of lumber are broken down by major species and grade.
- (53) U.S. Department of Commerce, Bureau of the Census. *U.S. imports for consumption and general imports/TSUSA commodity by country of origin*. FT 246 [annual.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on the volume and value of imports by product and country of origin. Imports of lumber are broken down by major species and grade.
- (54) U.S. Department of Commerce, Bureau of the Census. *Value of new construction put in place*. Constr. Reps. C 30. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
A statistical report showing the value of new construction put in place by type of construction.
- (55) U.S. Department of Commerce, Bureau of the Census and U.S. Department of Housing and Urban Development. *Characteristics of new housing*. [annual.] Constr. Reps. C 25  
Contains data on housing completions by type of structure and location.
- (56) U.S. Department of Commerce, Bureau of Economic Analysis. *Business conditions digest*. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Brings together many of the economic time series most useful to business analysts and forecasters. It is comprised of two major parts, cyclical indicators (about 150 time series) and other important economic measures (over 140 series).
- (57) U.S. Department of Commerce, Bureau of Economic Analysis. *Survey of current business*. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on the gross national product, national income, personal income and outlays, foreign transactions, and other national subjects.
- (58) U.S. Department of Commerce, Bureau of Industrial Economics. *Construction review*. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on the volume of construction, construction costs, employment in construction, and other related subjects.
- (59) U.S. Department of Commerce, Bureau of Industrial Economics. *U.S. industrial outlook*. [annual.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains descriptive data and analysis of industry trends and presents detailed forecasts for the next decade. Chapters and sections arranged by Bureau of the Census Standard Industrial Classification system.
- (60) U.S. Department of Labor, Bureau of Labor Statistics. *The CPI detailed report*. [monthly.] Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on consumer price indexes for goods and services usually bought by all urban consumers and by urban wage earners and clerical workers.
- (61) U.S. Department of Labor, Bureau of Labor Statistics. 1979. *Employment and earnings, States and areas, 1939-78* and supplements. Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on employment and earnings of individual nonagricultural industries by State and area.
- (62) U.S. Department of Labor, Bureau of Labor Statistics. 1979. *Employment and earnings, United States, 1909-78* and supplements. Supt. of Documents, U.S. Government Printing Office, Washington, DC.  
Contains data on employment and earnings for individual nonagricultural industries in the United States.
- (63) U.S. Department of Labor, Bureau of Labor Statistics. *Producer prices and price indexes*. [monthly and annual.] Washington, DC.  
Contains data on prices and price indexes of several hundred commodities including selected lumber items of important commercial species and of plywood, pulp, and paper items.
- (64) U.S. Federal Reserve System, Board of Governors. *Federal Reserve bulletin*. [monthly.] Washington, DC.  
Contains data on interest rates; security prices; Federal finances; business finances; selected indexes on business activity, and wholesale and consumer prices; sales, profits, and dividends of large manufacturing corporations; and related subjects.
- (65) U.S. Federal Reserve System, Board of Governors. *Industrial production*. [monthly.] Washington, DC.  
Contains indexes of industrial production by market and industry groupings.

- (66) Vermont University, Extension Service. *Vermont forest quarterly*. Burlington.  
Reports prices for standing timber, by region and species.
- (67) Washington Crop Reporting Service, Washington State Cooperative Extension Service. *Forest products price report*. [bimonthly.] Seattle.  
Contains data on delivered price of saw logs, veneer logs, poles, pulpwood, and other products, by region, selected species, and grade.
- (68) Western Wood Products Association. *Barometer*. [weekly.] Portland, OR.  
Contains data on softwood lumber production, orders, shipments, and inventories in the western woods region.
- (69) Western Wood Products Association. *Western lumber facts*. [monthly.] Portland, OR.  
Contains data on softwood lumber production, orders, shipments, stocks, and realization value in the western woods region by major species.
- (70) Wisconsin University, Forestry Department, University Extension Service. *Wisconsin forest products price review*. [semiannual.] Madison.  
Contains data on delivered prices of saw logs, veneer logs, pulpwood, box and excelsior bolts, and railroad crosstie logs by selected species; delivered prices of crossties, posts, and pilings; and mill prices of selected species of lumber.



